

A wooden Easter egg with horizontal stripes in shades of brown and tan is hanging from a thin black string. The egg is positioned above a white rectangular sign that is also hanging from a similar string. The background is a rustic wooden surface with visible grain and knots.

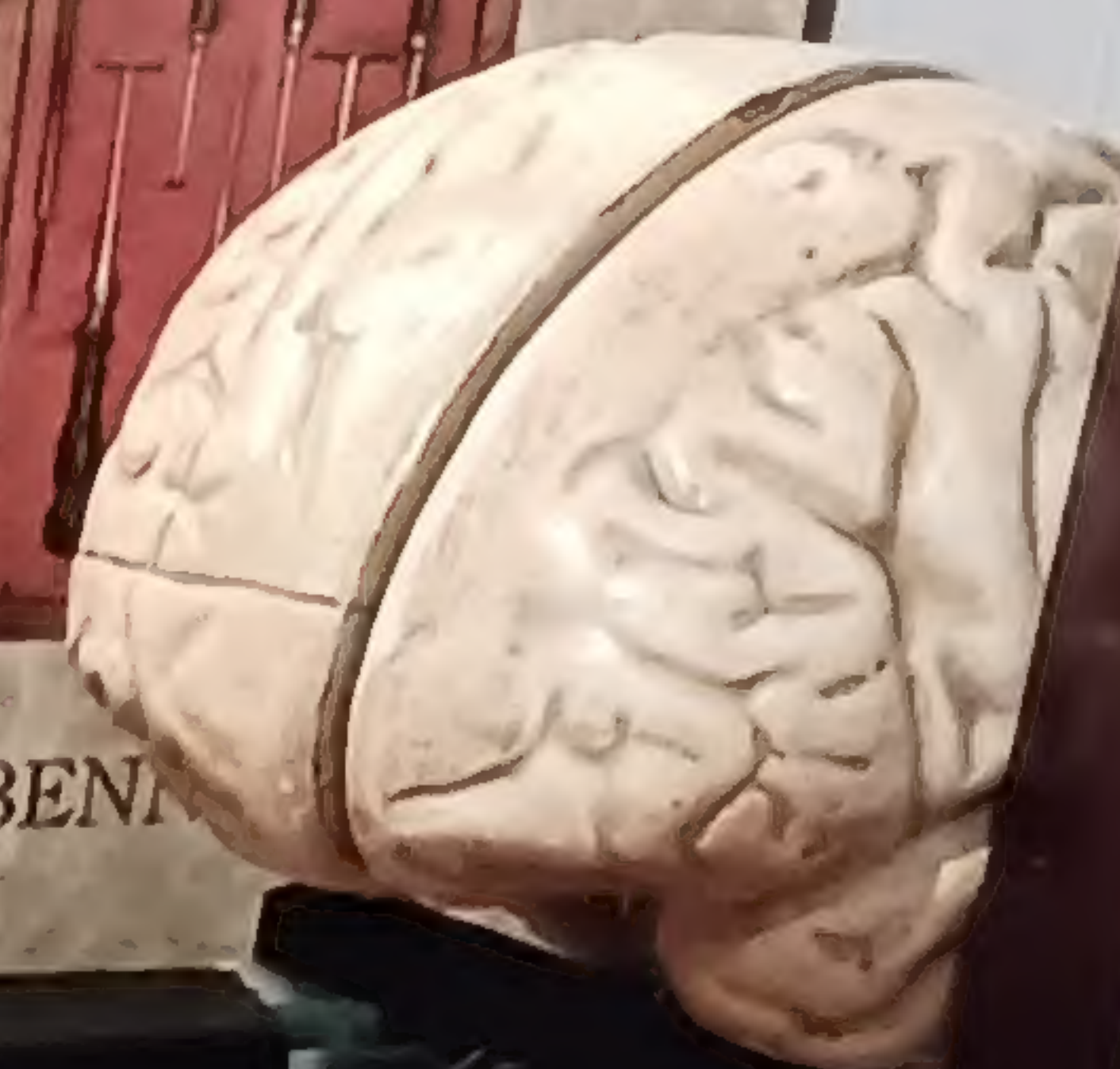
**Life Hasn't Been The
Same Since That House
Dropped On My Sister**



ANTIQUE & MEDICAL
INSTRUMENTS



ELISABETH BENI





ELISABETH BENN

FARRINGTON'S
OPERATIVE
SURGERY

FARRINGTON'S
OPERATIVE
SURGERY







Senatus Universitatis Cantabrigiæ Academics
IN REPUBLICA MASSACHUSETTENSIS.

(Omnibus ad quos hæc Litteræ pervenerint Salutem)

(Quoniam) *Johannes Kingsley Lewis*

*bonæ ac scientiæ utili præditus meritisque probis, cum tempore ad hunc
 medicina disciplinam et usum imperium prælectionisq[ue] professorum hunc in
 Universitate auditus specimen eruditionis et late et Dissertationes
 de Historia Medecinae, pro more defensa deinde ut idem
 qui ad Doctoris gradum admittatur a Professoribus est commendatus
 Praeses et Socii Collegii Harvardiani) annuuntibus (Curatoribus)*

Johannem Kingsley Lewis

ad Gradum **MEDICINÆ DOCTORIS** *admisserunt
 eque potestatem in rebus Medicis agendi et consultandi dederunt et eum
 insignia pura honores et privilegia ad eum gradum spectantia concesserunt*

*In cujus rei testimonium litteræ hæc Universitatis Sigillo
 Munitis die Martii xxi anno post (Christum Natum) MDCCCLXI
 Neapoli publicæ Americana LXXXVI*

Pro hac facultate nobis commissa nomina subscripimus

Professores

<i>Chas. Jackson</i>	<i>Physiologiae Prof.</i>
<i>J. A. Cooper</i>	<i>Anat. Pathologiae Prof.</i>
<i>James J. Bland</i>	<i>Med. Clin. Prof.</i>
<i>Chas. C. Smith</i>	<i>Anat. et Physiologiae Prof.</i>
<i>George W. Harris</i>	<i>Mat. Med. et Pharm. Prof.</i>
<i>Frederick H. B. Jones</i>	<i>Chirurgia Prof.</i>
<i>Johannes Brown</i>	<i>Chimica Prof.</i>
<i>Edw. A. Clarke</i>	<i>Mat. Med. Prof.</i>

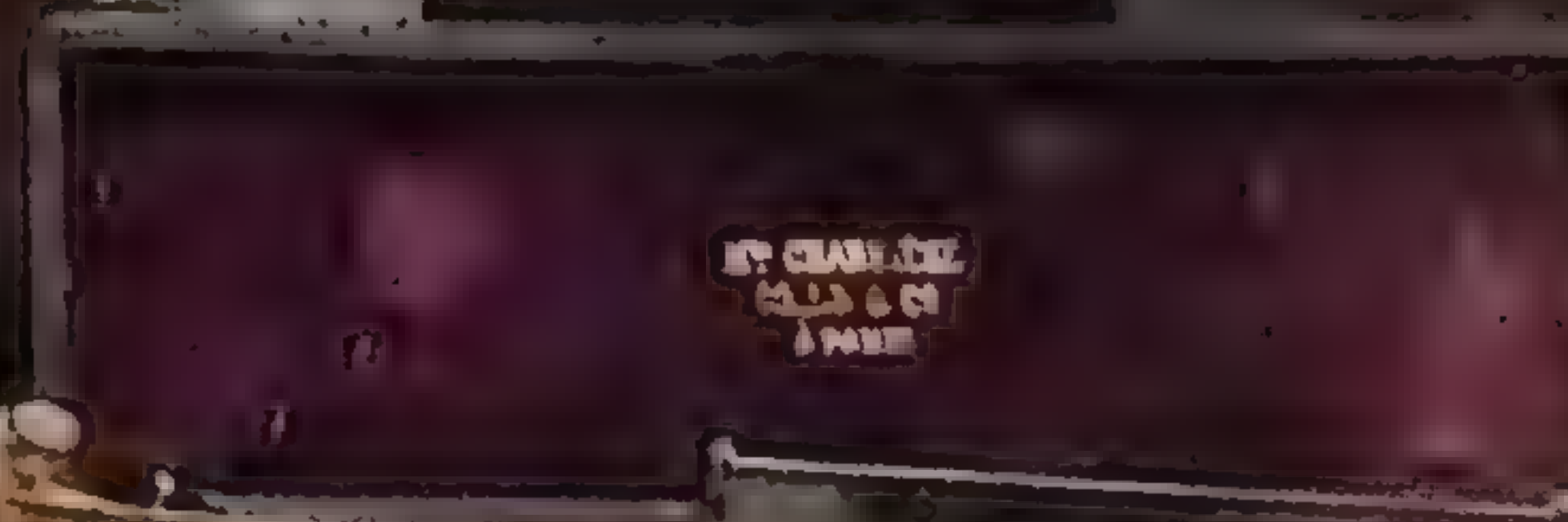
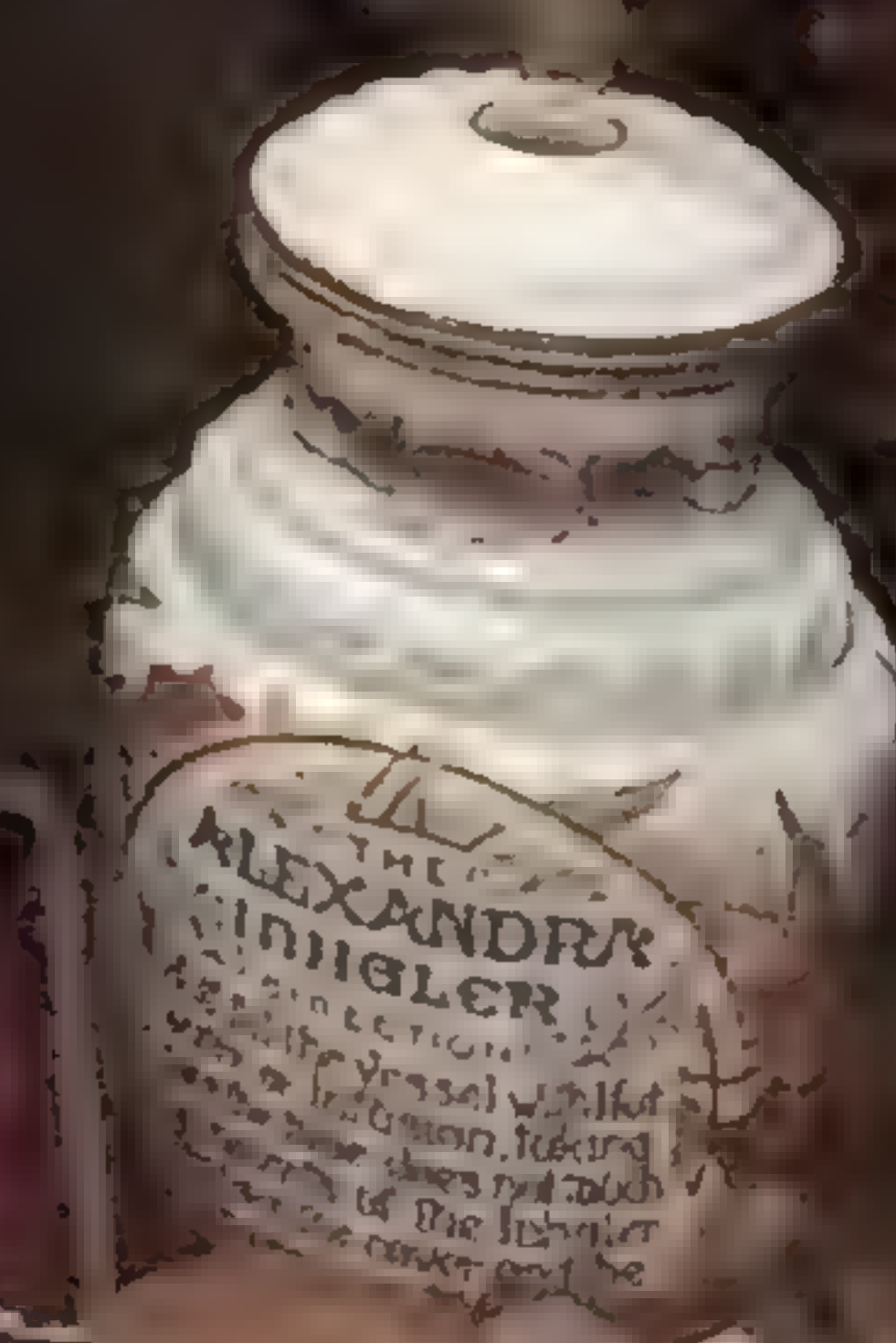








ON THE
ORIGIN
OF
SPECIES
-
CHARLES
DARWIN





ON THE
ORIGIN
OF
SPECIES
—
CHARLES
DARWIN

ON THE
ORIGIN
OF
SPECIES
•
CHARLES
DARWIN









Charles Darwin
Feb. 28th. 1882
J. M. W. W. W. W.



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D



Truth strain



Mantrah n...





HUMAN
INSULIN

HUMAN
INSULIN

Salvia

Salvia

HUMAN
INSULIN

HUMAN
(INSULIN, LILLY)



SYPHILIS ULCERO-SERPIGINOSA



NAME
1907

Wawa
Trade Mark Wags

U-40

U-40
ILETTIN
SULIN, U
LILLY

ILETTIN
SULIN, U
LILLY

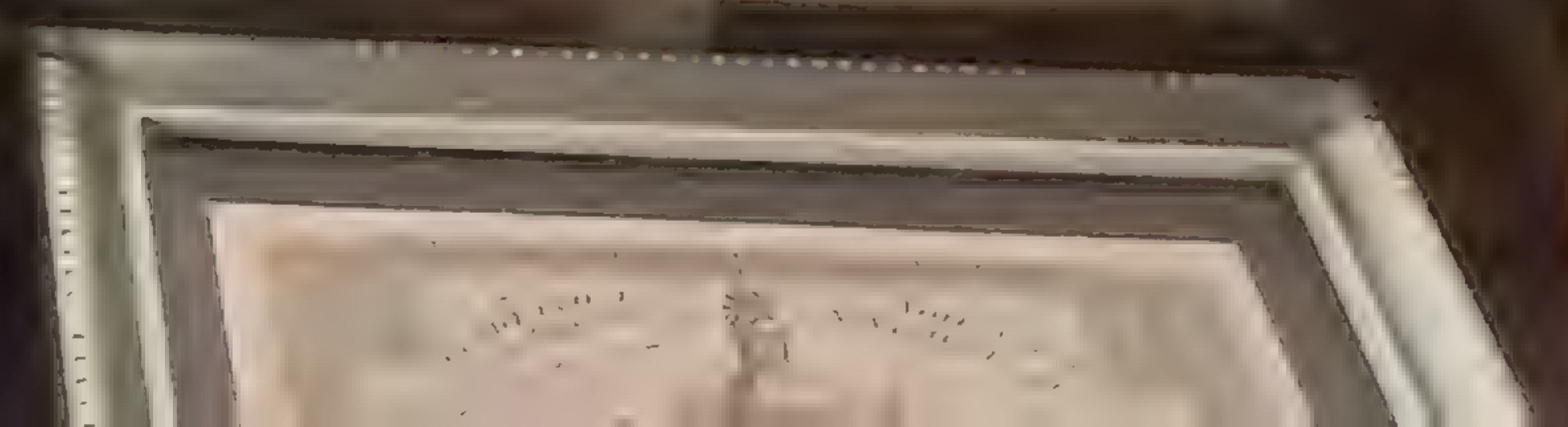
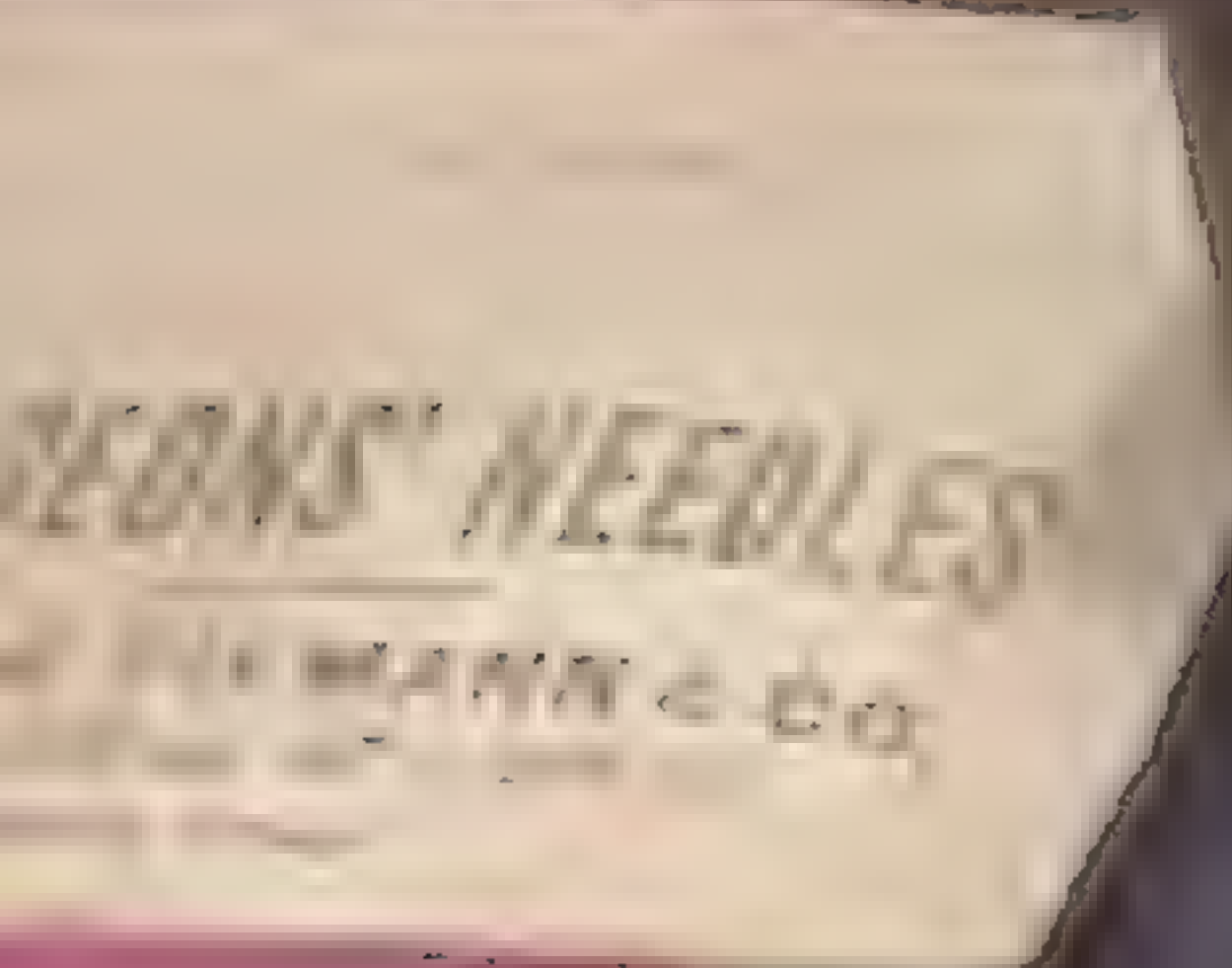
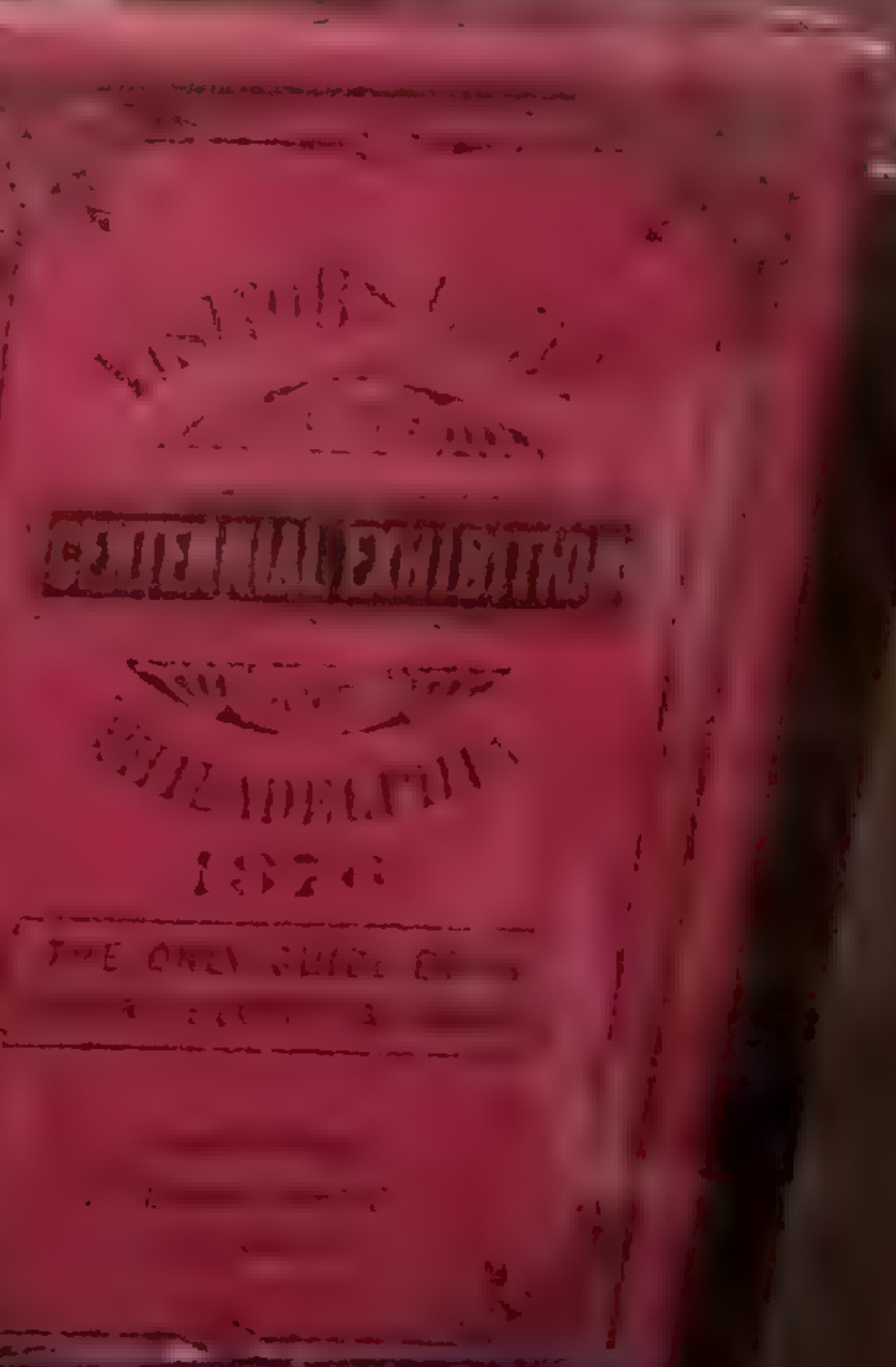
(INSULIN, LILLY)
First in line known as Insulin, Lilly, as
all persons supplied to all hospitals with
this, and the active principle, extracted
from the pancreas of Langerhans, is the
most effective and reliable source of
insulin.

McWinstons
SOOTHING
SYRUP
A child is shown in a white dress.

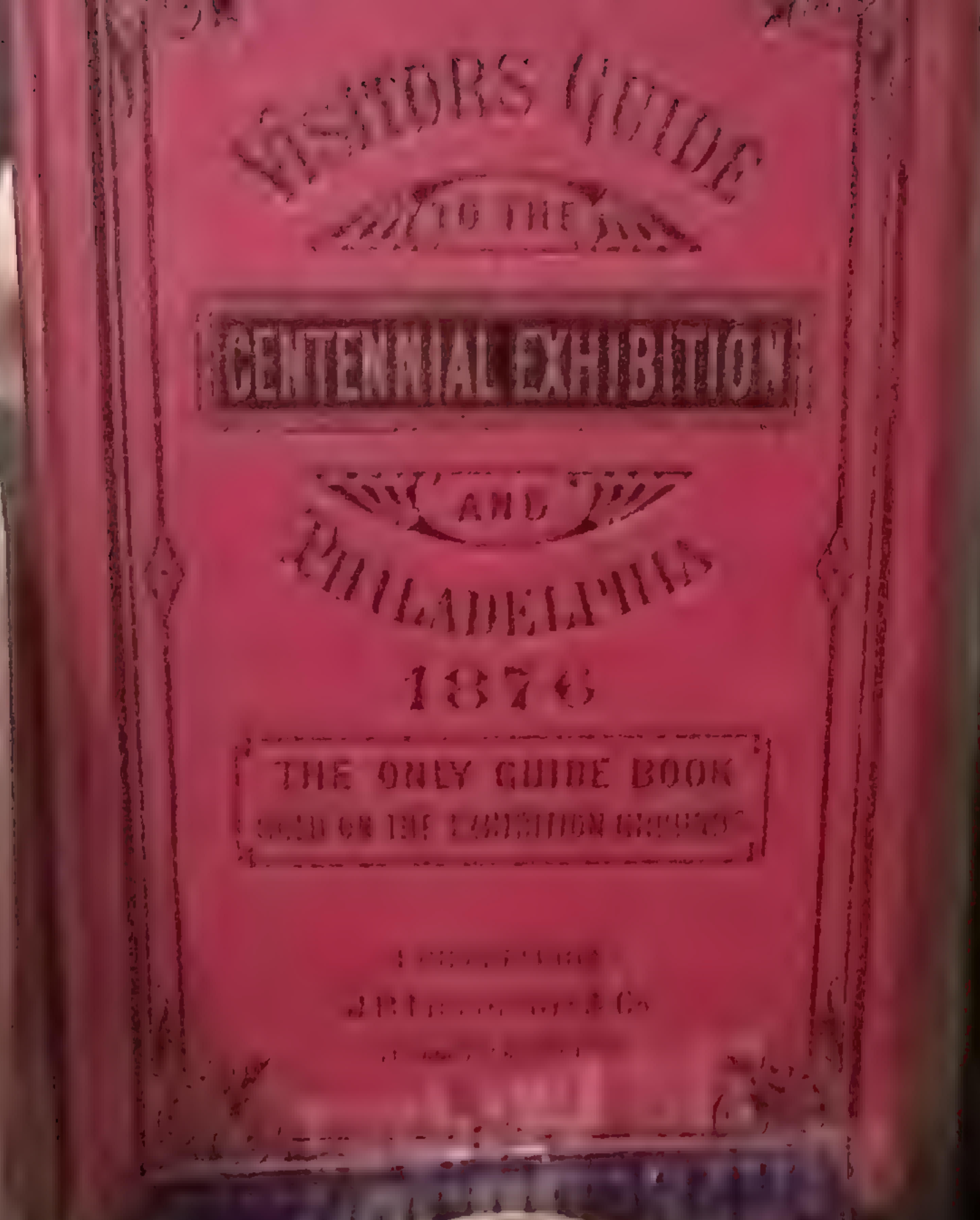


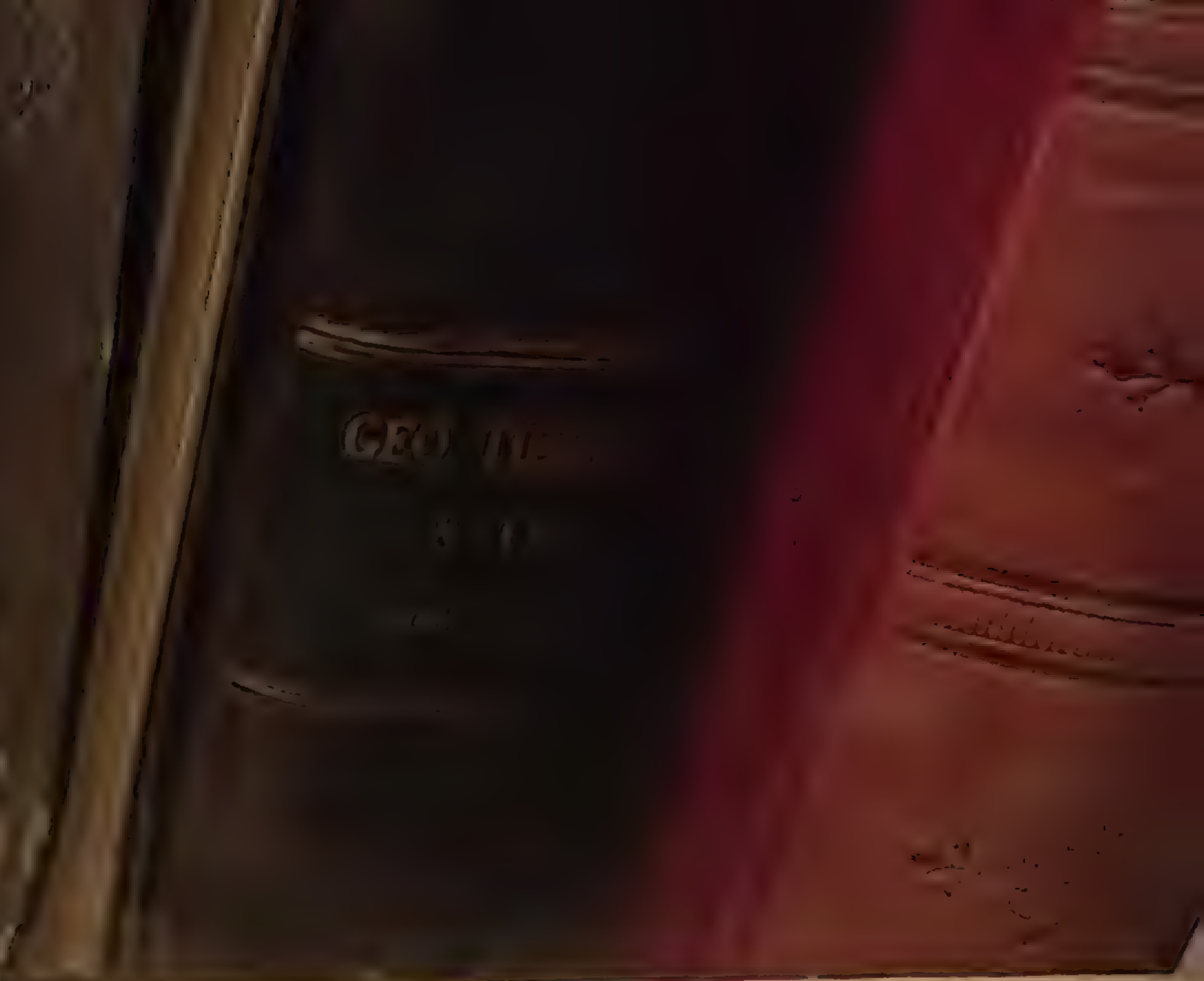
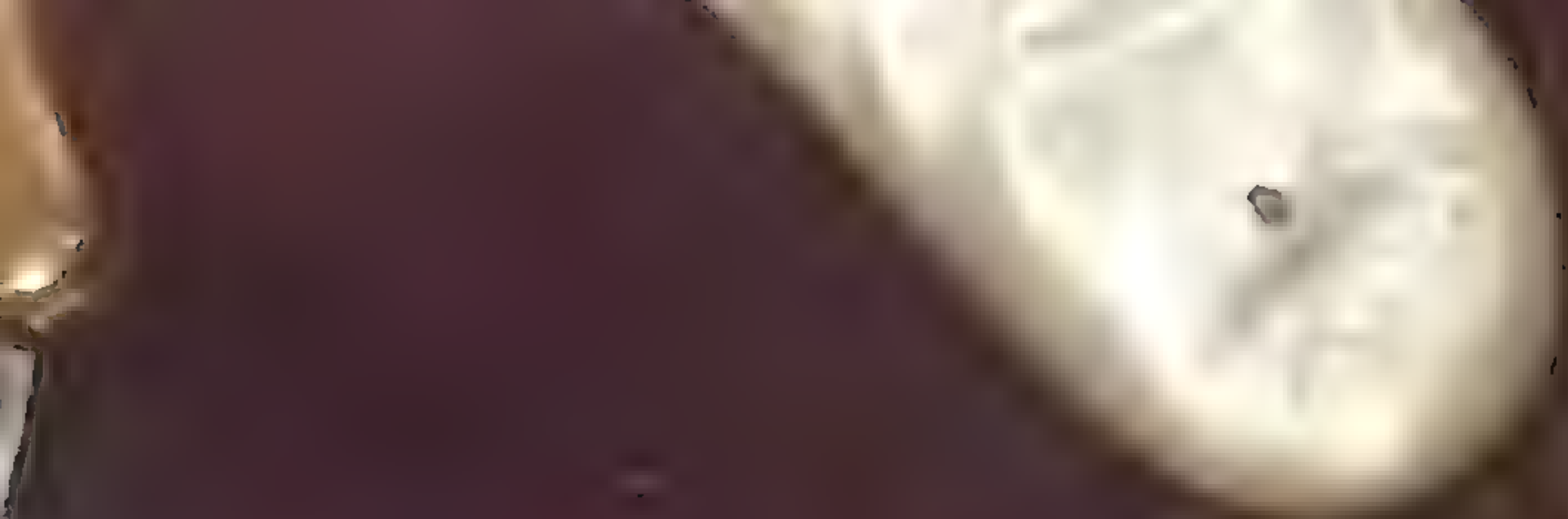














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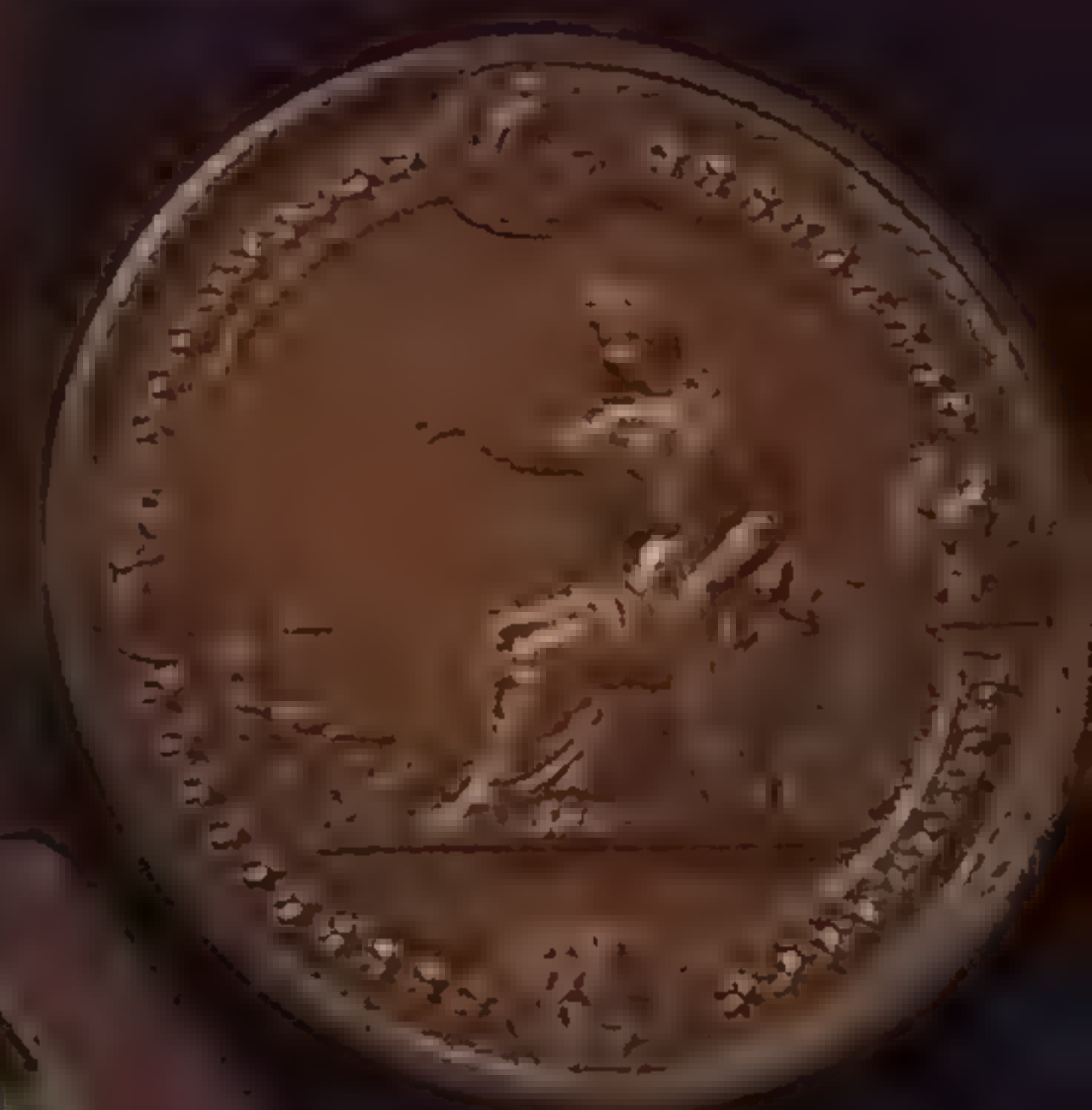
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PHILADELPHIA
J.B. Lippincott & Co.

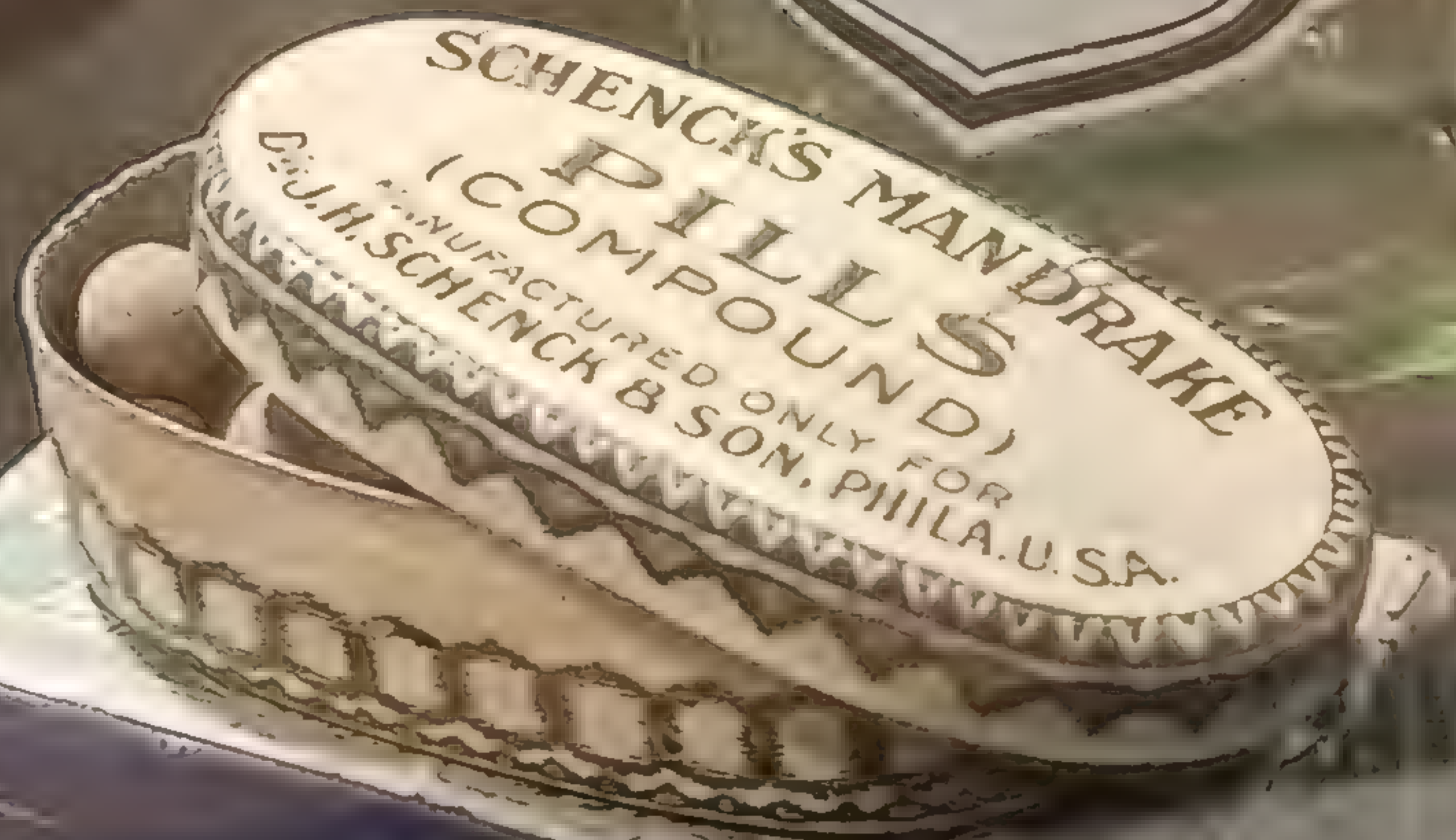


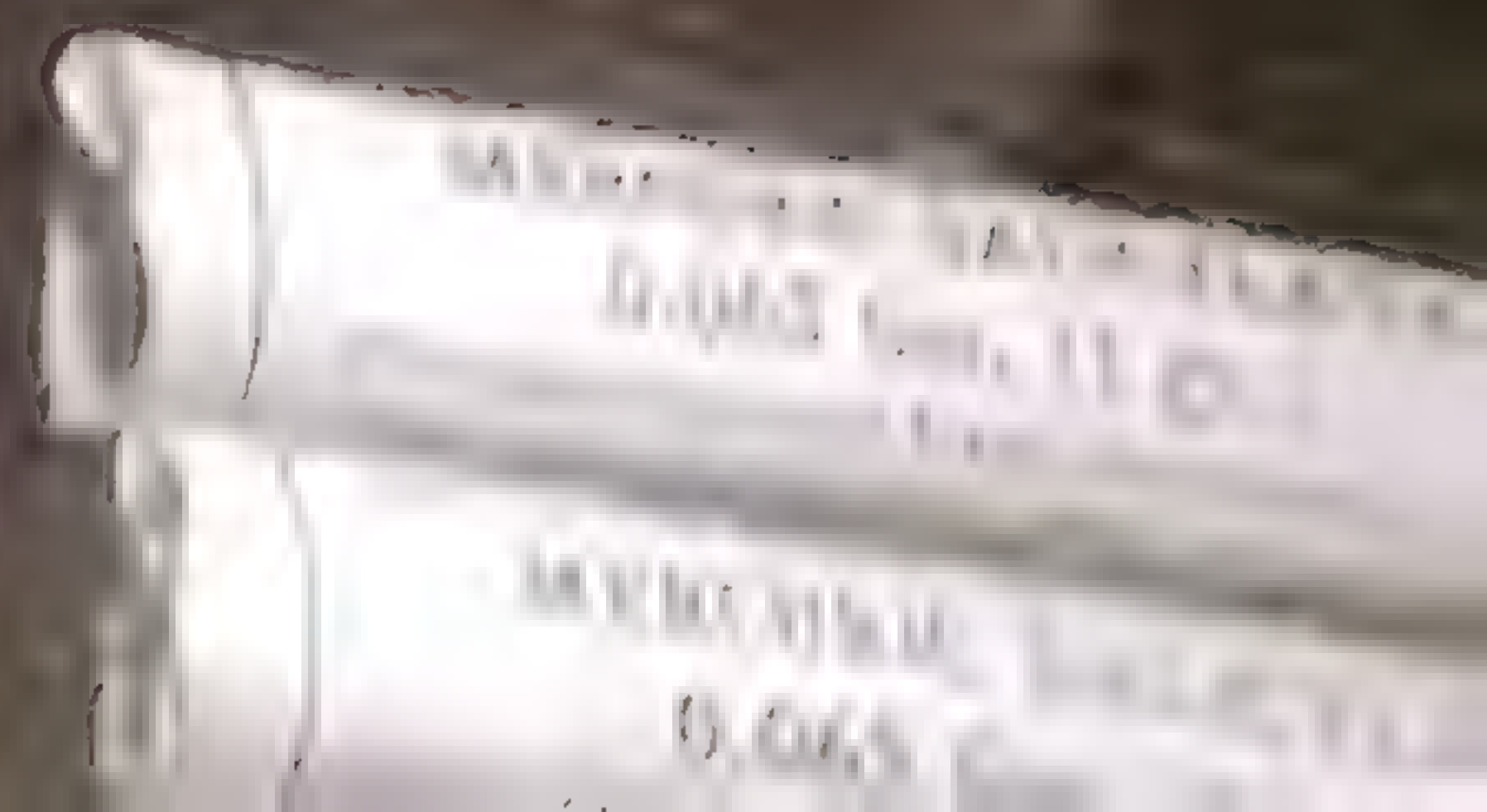




















PRACTICE

MEDICINE

PRACTICE

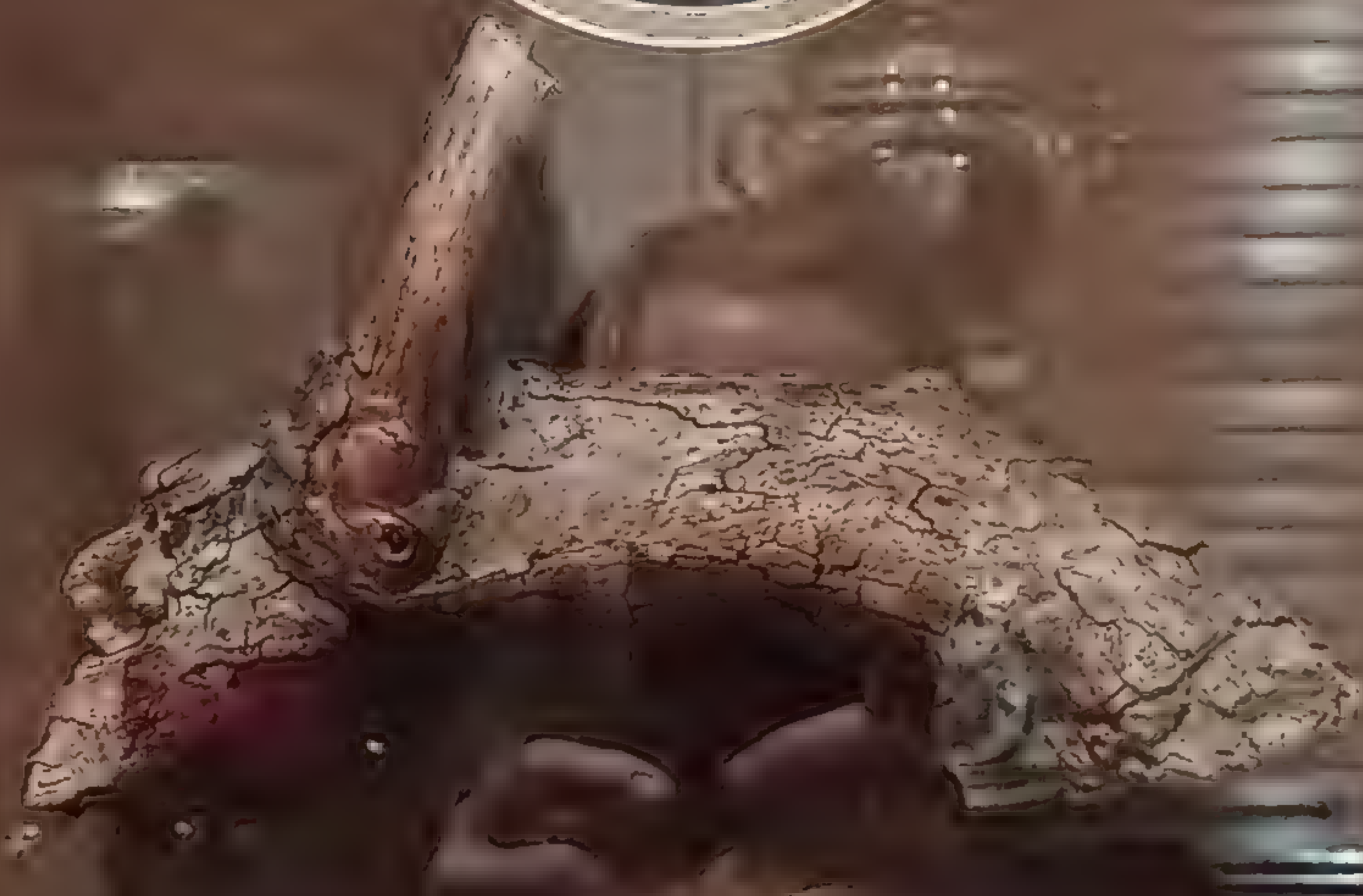
MEDICINE

PRACTICE
OF MEDICINE









TREE OF HIPPOCRATES

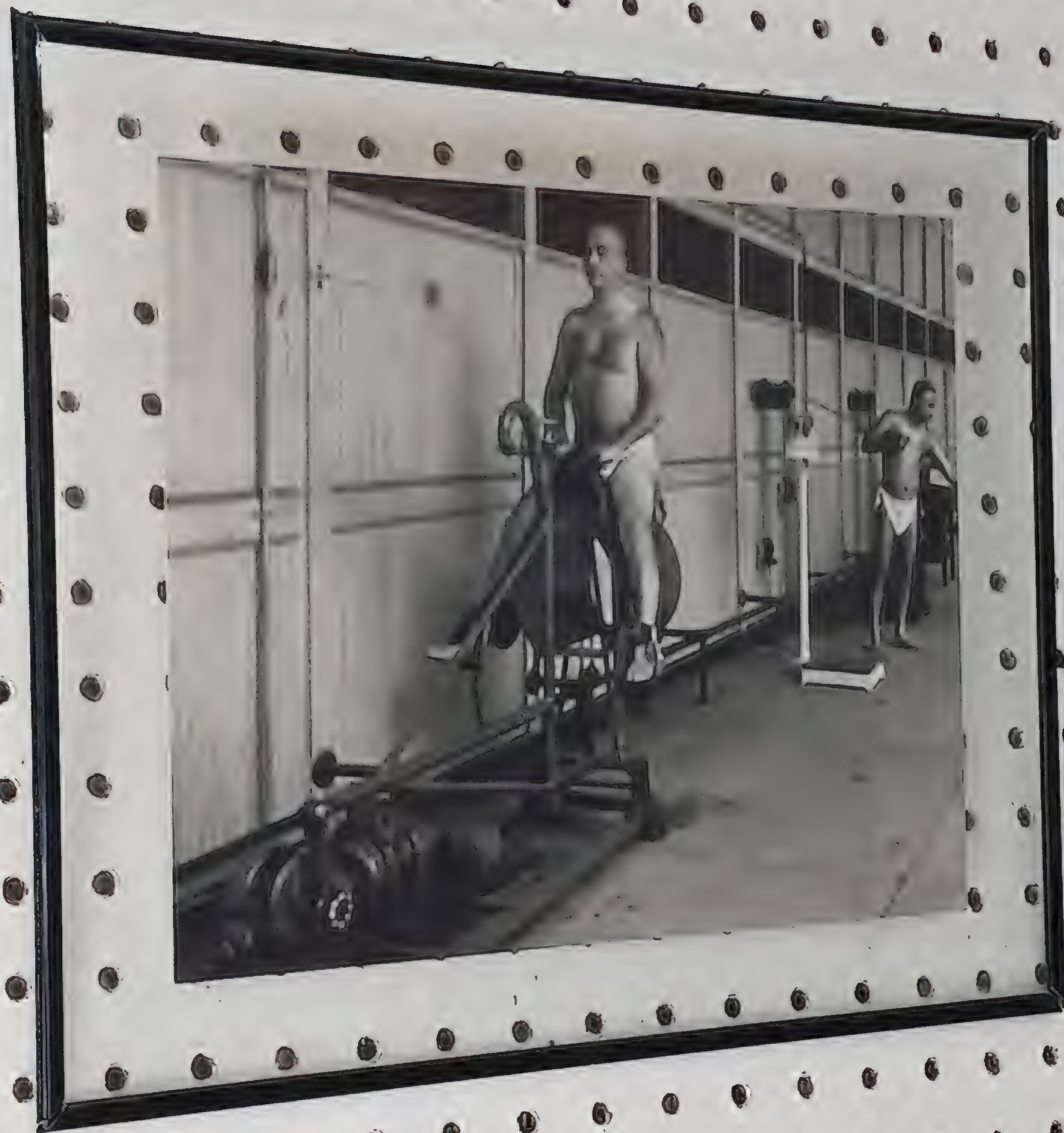
Plantanus Orientalis

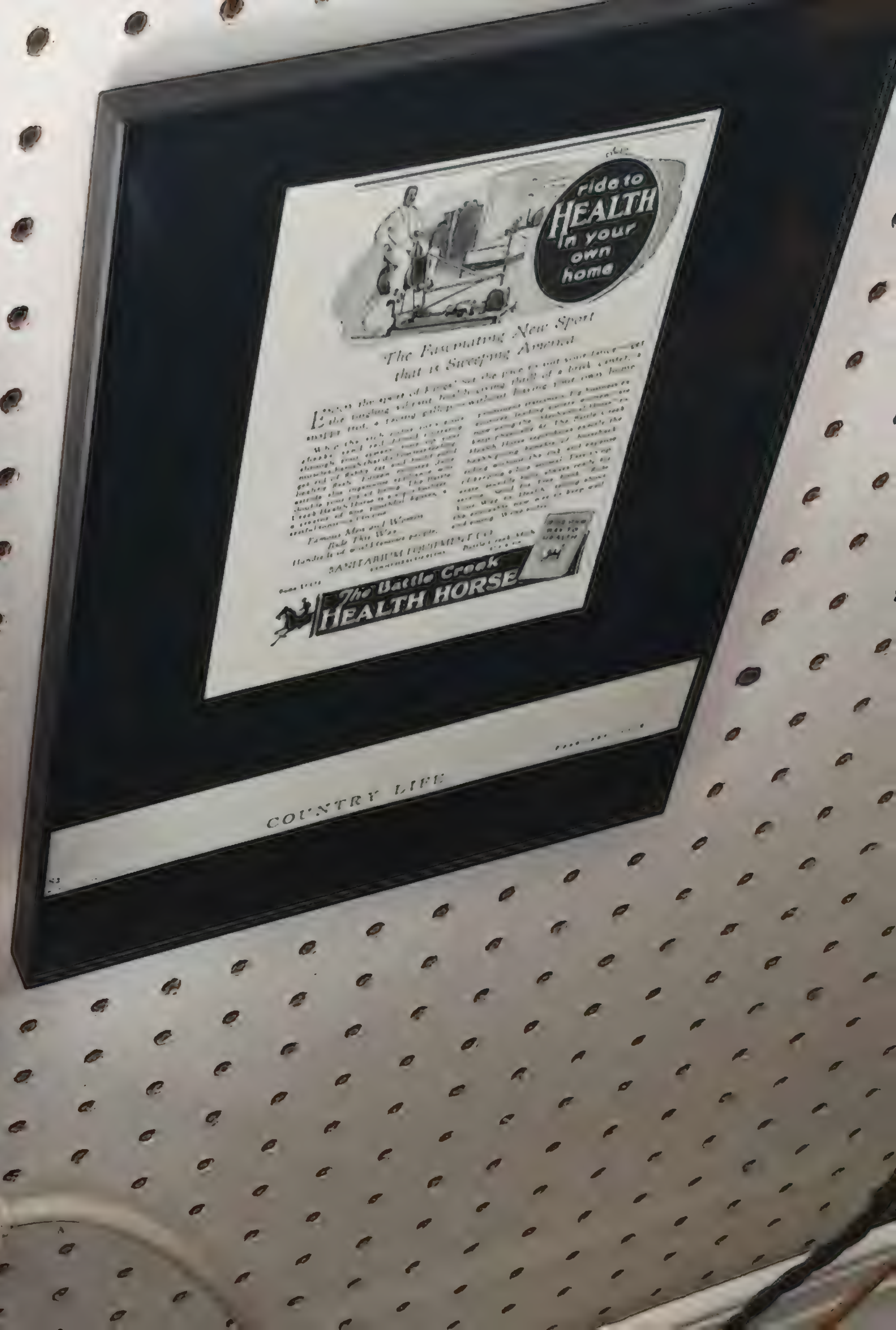
A cutting from the tree under which
Hippocrates is said to have held classes
in the Grove of Cos.

Presented to the United States by the
City of Cos in commemoration of the
Library, September (December) 14, 1906









Ride to HEALTH in your own home

The Fascinating New Sport that is Sweeping America

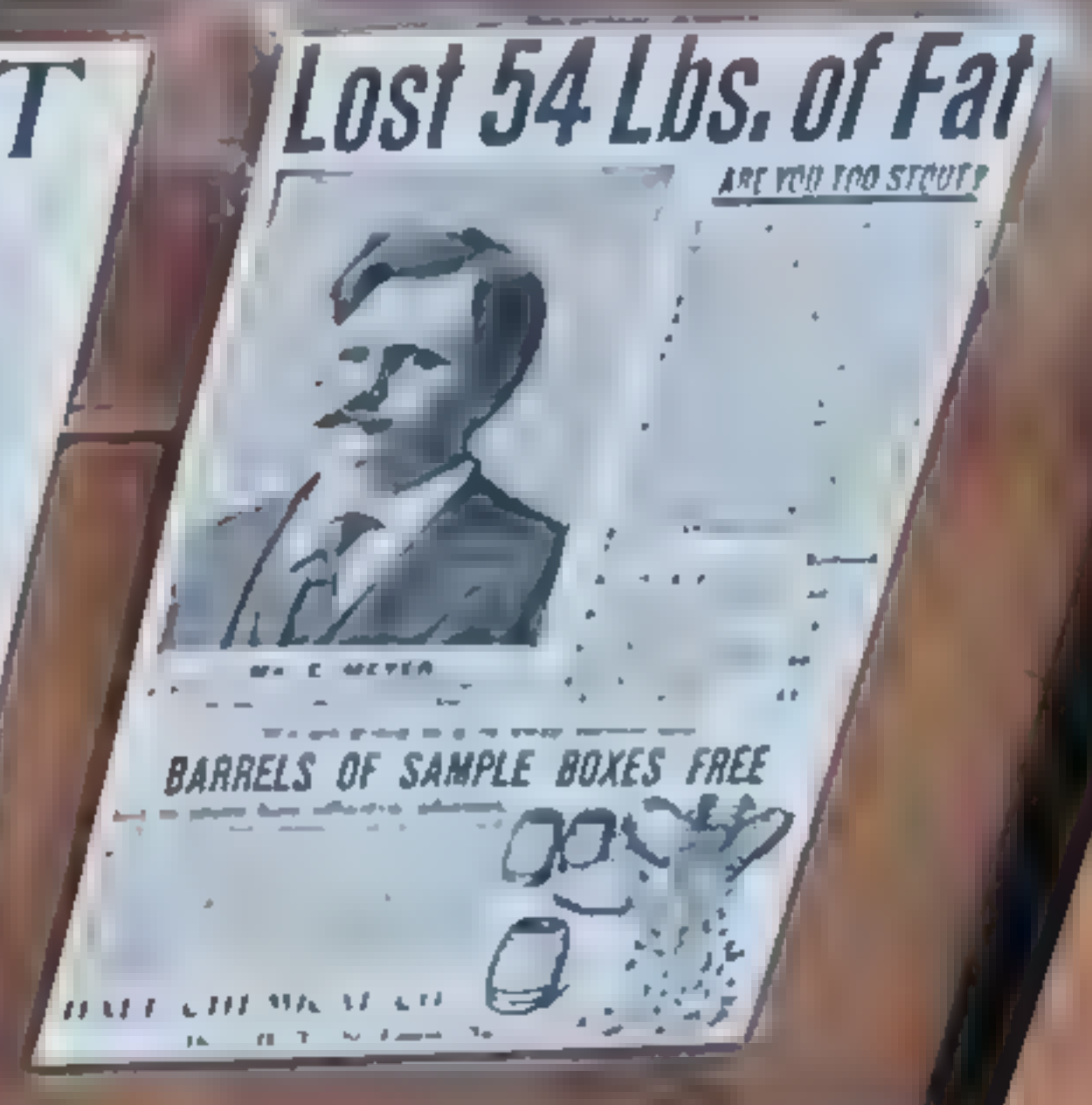
Look at the sport of horse riding that is sweeping America—get the thrilling and restful health giving thrill of a back center, a healthy foot, a racing gallop—without leaving your own home.

When the rich, rolling hills of the West are covered with the green of the horse, the horse is the only animal that is not only a source of food, but also a source of pleasure. The horse is the only animal that is not only a source of food, but also a source of pleasure. The horse is the only animal that is not only a source of food, but also a source of pleasure.

The Battle Creek HEALTH HORSE

COUNTRY LIFE





THE SATURDAY EVENING POST 47



Bent Bones
That Were
Bent by
Pointed
Shoes

Straight Bones
That Grew
Straight in
Educator
Shoes

Feet You Can Forget

YOU, grown-up men and women—you can have feet that are not constantly crying out to remind you of corns or bunions or aches or ingrowing nails or fallen arches—those reminders of your old narrow, pointed, bent, leaning shoes, made only for “looks.”

Have feet that are straightened, healthy, normal. You get them in Educators—the shoes that “let the feet grow as they should.” For Educators give Nature the chance to banish aches, to have improving feet, wipe out all foot troubles.

Get the whole family's feet into Educators. The grown-ups will thank you at once for real relief. The youngsters will be grateful later, and a whole lifetime of foot trouble no more.

But don't jump to conclusions. That the famous trademark EDUCATOR shows in the sole. It is your guarantee of genuineness. The genuine is irrefragably made in America.

“Just How They Make Comfort Feet”

As feet that tell how comfort feet are made. The starting point will make the difference between a foot that is a foot and a foot that is a foot.

RICE & HUTCHINS
EDUCATOR SHOE
For Men, Women, Children

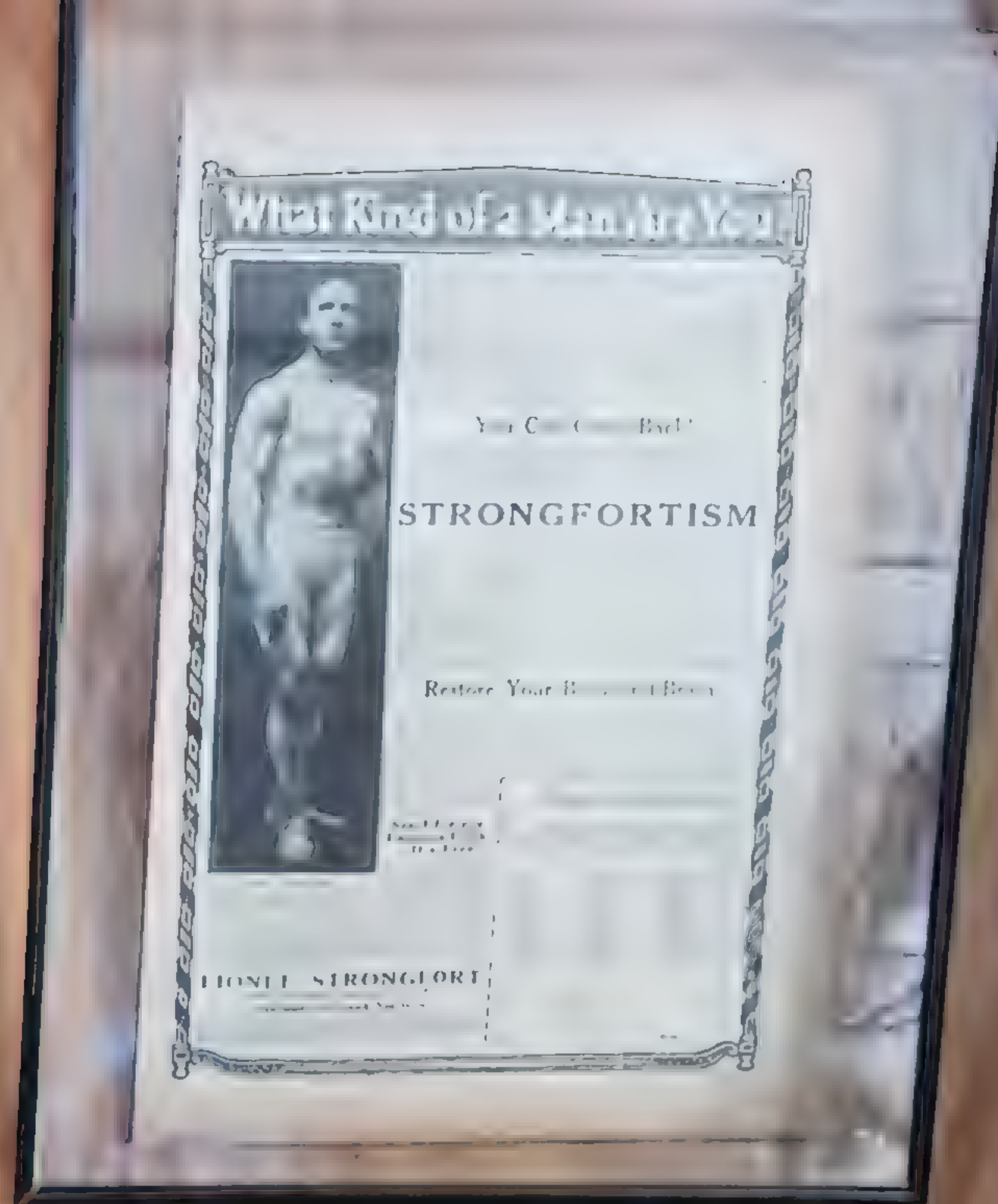
Keep Slender **Radiantly Healthy**

THIS ENJOYABLE NEW WAY



D

The Health Builder Keeps You Fit



March 15, 1928

177

Keep Slender

Radiantly
Healthy



DOROTHY KNAPP
Famous as the World's
Most Beautiful Girl.



THIS
ENJOYABLE
NEW WAY



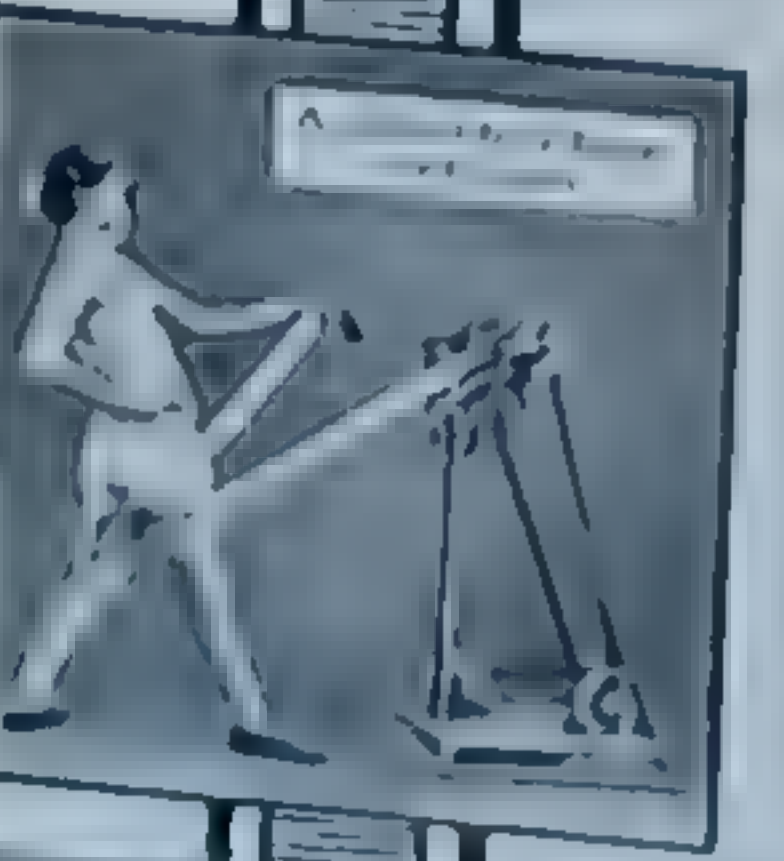
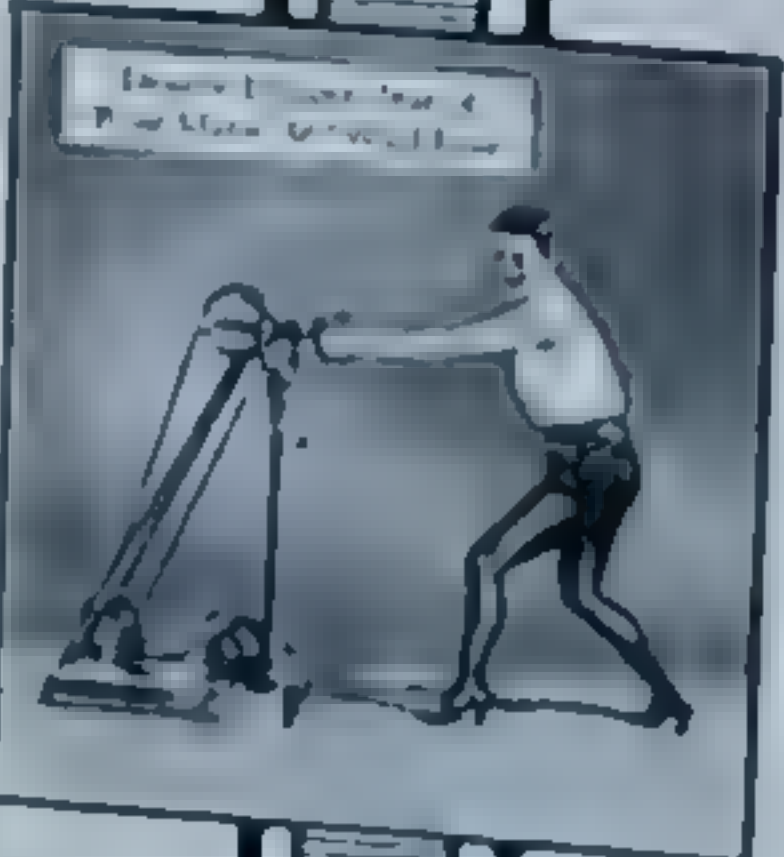
DIETING or backbreaking exercises no longer necessary! For an ingenious new device, the Battle Creek Health Builder, enables you to keep gloriously healthy—pleasingly slender—without any effort on your part! The Health Builder gives a combined massage vibratory treatment, better than a skilled masseur. It vigorously massages the heaviest muscles, peeps up sluggish circulation, aids digestion and reduces superfluous weight.

Endorsed by Famous Beauty

Dorothy Knapp, star of Earl Carroll's "Vanities", and proclaimed the "most beautiful girl in the world" uses the Health Builder daily. She says, "I unhesitatingly recommend the Health Builder to everyone that is interested in keeping radiantly healthy and in retaining a beautiful figure."

Vivienne Segal, world famous prima donna of "The Desert Song", writes, "Your Health Builder not only enables me to keep healthy but also is invaluable in eliminating superfluous fat."

Desiree Ellinger, celebrated star of "Rose Marie" and "The Wild Rose," says, "I have



never found a machine that was half as effective in keeping me fit as the Health Builder has proven to be."

Used Daily in Countless Homes

Over 50,000 men and women of all ages use the Health Builder to renew their vigor and retain their health, largely upon the advice of their physicians. Leading Medical Centers, athletic clubs, physical culture gymnasiums use the Health Builder. Stage and screen stars find it a simple, scientific method of reducing weight and keeping vigorously healthy.

Send for FREE Book

Send for "HEALTH AND BEAUTY IN FIFTEEN MINUTES A DAY"—a valuable Free Book showing the Battle Creek Health Builder in operation—with complete series of home exercises.

Sanitarium Equipment Co
Room W-932 Battle Creek, Mich

The Battle Creek Sun-Are Bath and "Mechanical Health Horse" are also made by manufacturers of the Battle Creek Health Builder.

The Health Builder Keeps You Fit





VAPOR GENERATOR

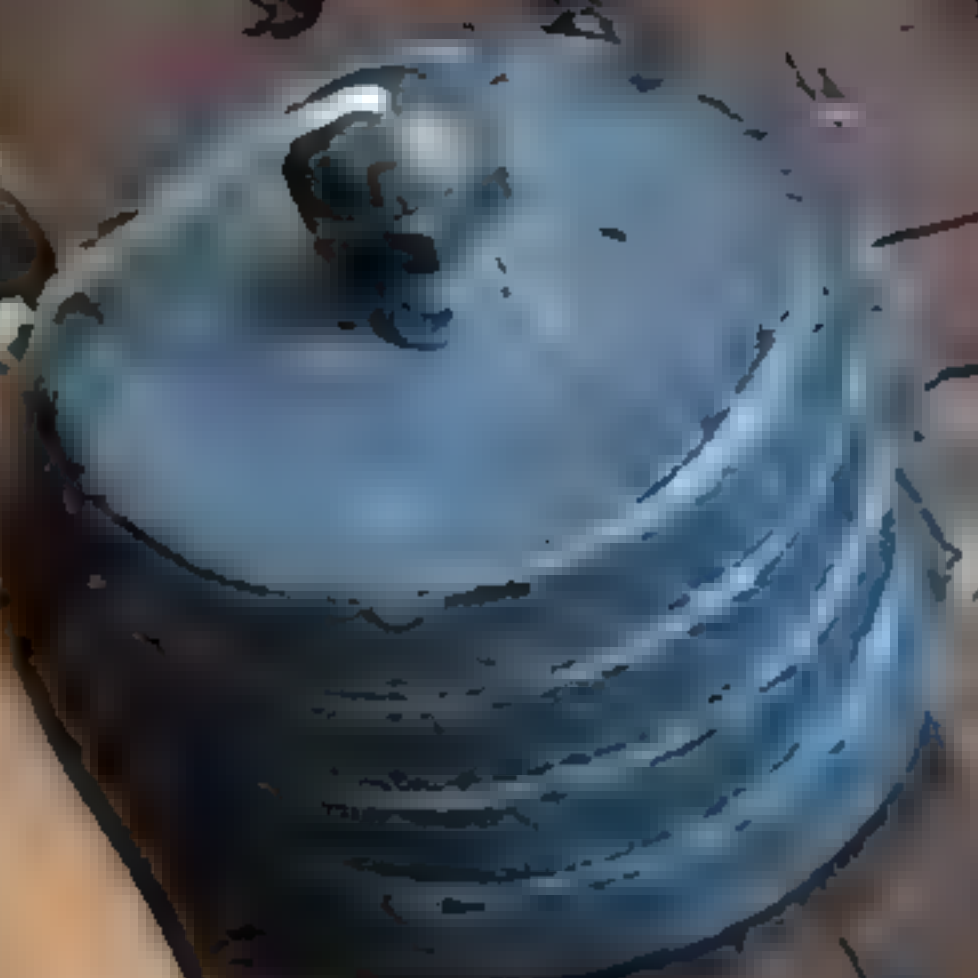
2.5 GPM

CONSTRUCTION MATERIAL

NO. 33-2000



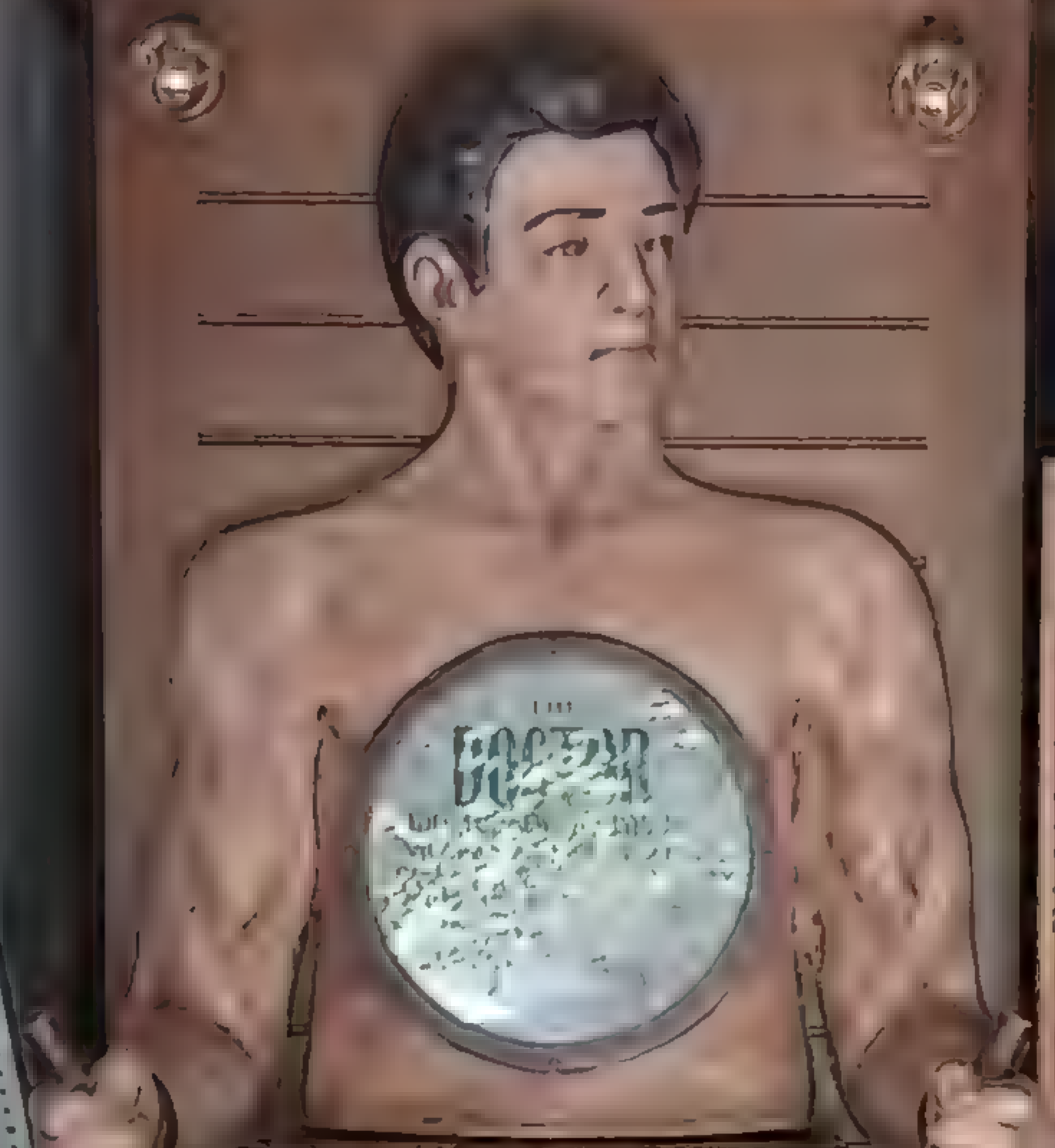
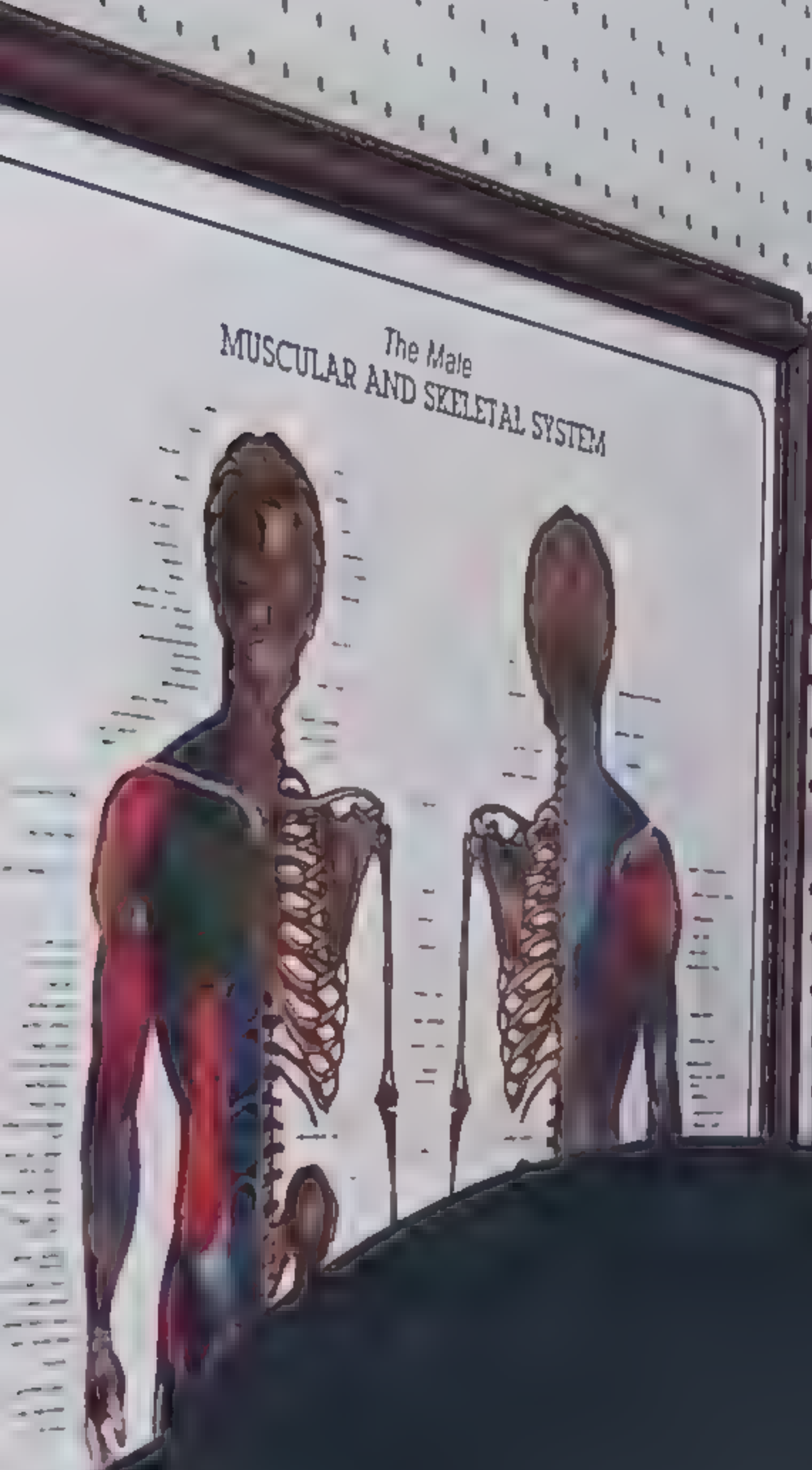












BUY EL TALE
IT IS PLEASANT

VIGOROUS STRENGTH AND
HEALTHY COLOR BY THIS
ELECTRIC

Health Exercise

ALLIE'S
TENT
PRAISE

111











One Cent

ELECTRICITY
ENT PHYSICIAN
CURES OF MUSCULAR ILLS

















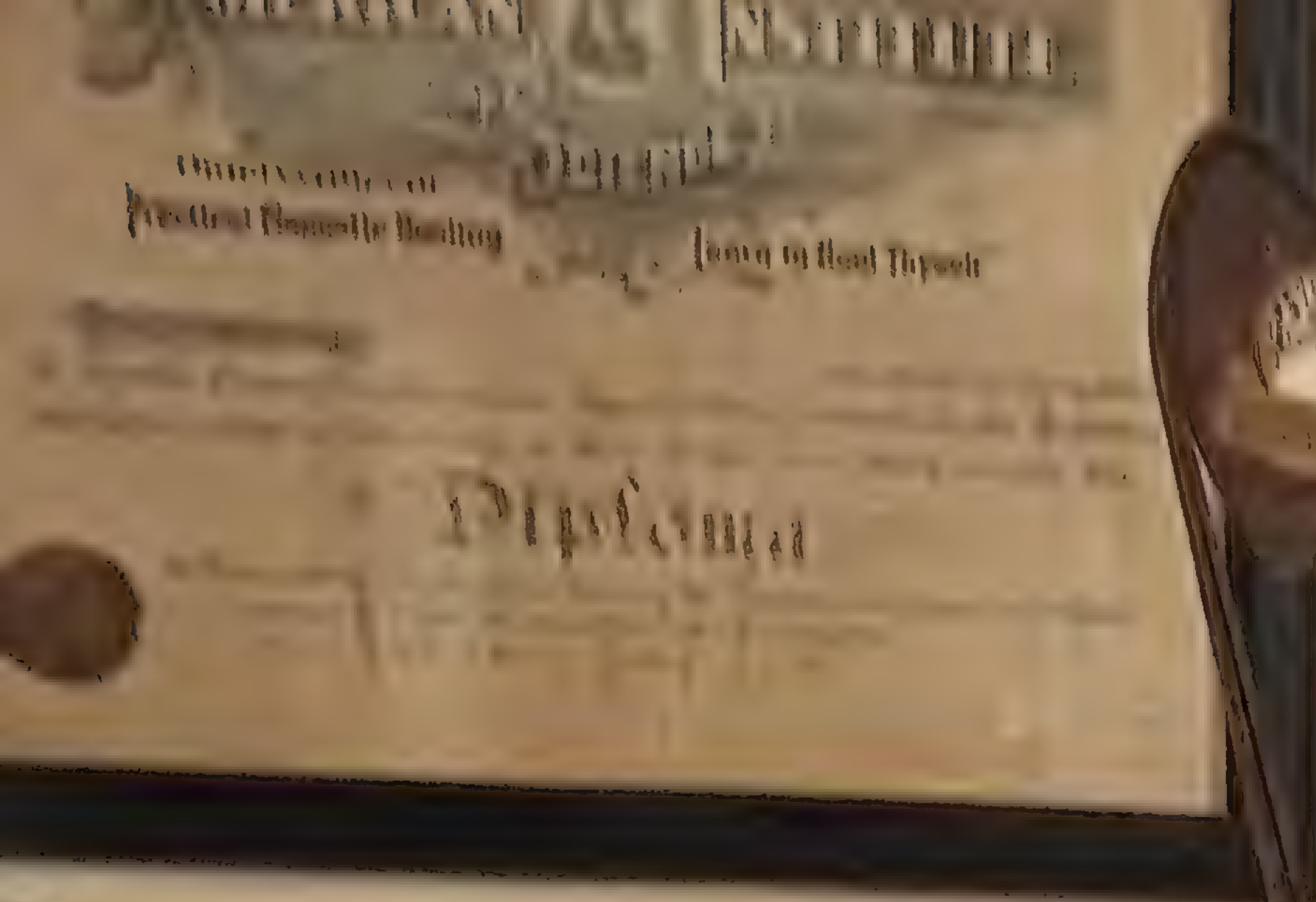




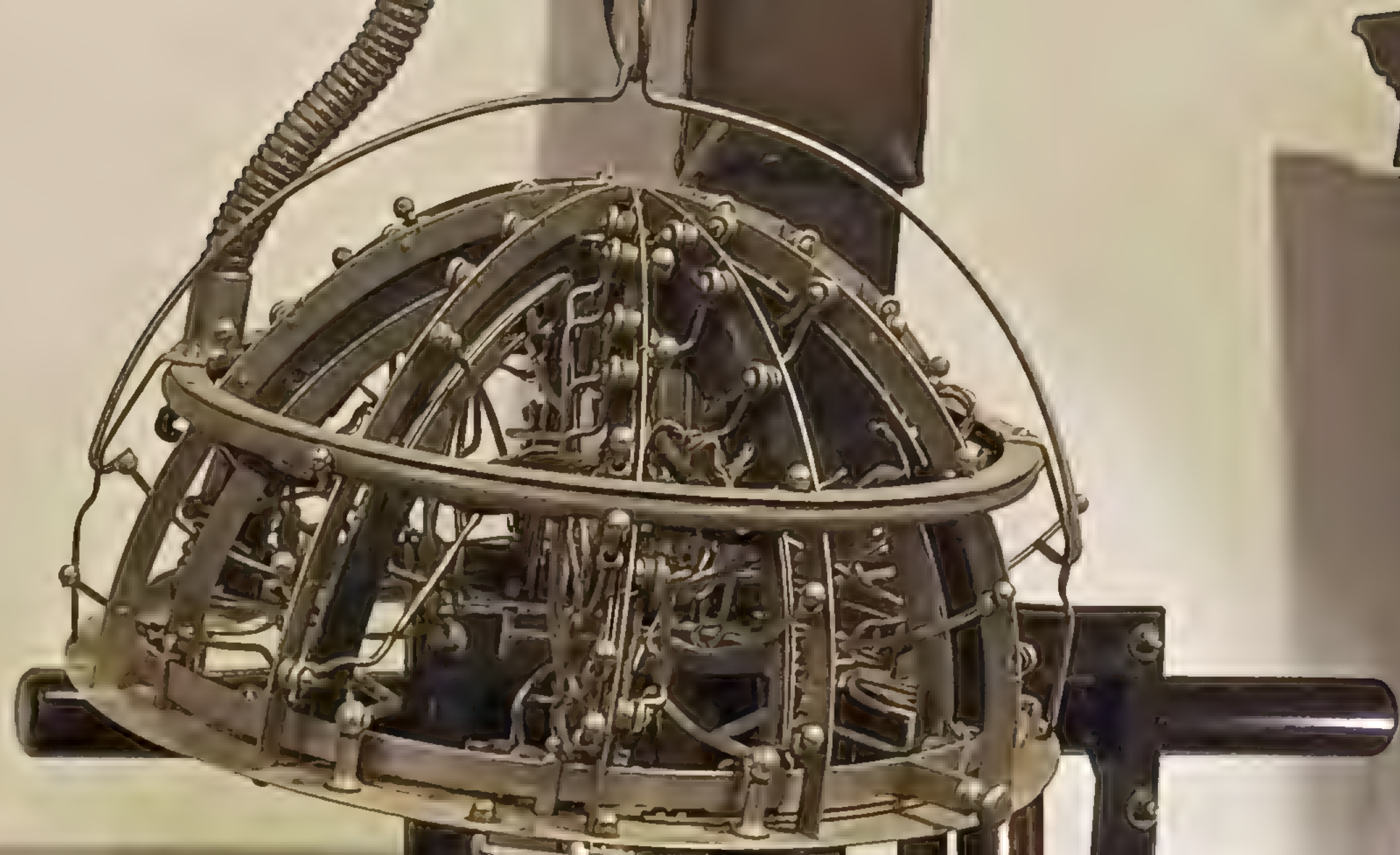








...proprietor in the branches he is hereby awarded this
Diploma
...President and Secretary of this Corporation have been selected their
names and have caused the seal of the Corporation to be affixed
hereat. Witness the hand of the Secretary this day of
1900



LINE ON
ATCH



AN INSTITUTE
OF SCIENCE
"Learn to Read Thyself."

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BUILDERS EXCHANGE
MINNEAPOLIS, MINN.



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THE AMERICAN INSTITUTE
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"Learn to Heal Thyself."

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the regular Course of instruction in Magnetic Healing prescribed by this Institution
and as an evidence of proficiency in these branches he is hereby awarded this

Diploma

In Witness whereof the President and Secretary of this Corporation have hereunto subscribed their
names and have caused the seal of the Corporation to be affixed.
Given at Nevada, Mo. this _____ day of _____ 1901

















READ CAREFULLY
Directions for using the
INGENTO TWIN-ARC LAMP

Do not insert carbons when lamp is plugged into circuit.

Place one carbon in each of the terminals or carbon holders and tighten the binding screws securely. Then plug in on electric light circuit. Place the lighter carbon across the carbons in the lamp as illustrated. This will start the arc. As soon as the lamp lights remove the lighter carbon. Be sure the current is turned on when applying the igniter.

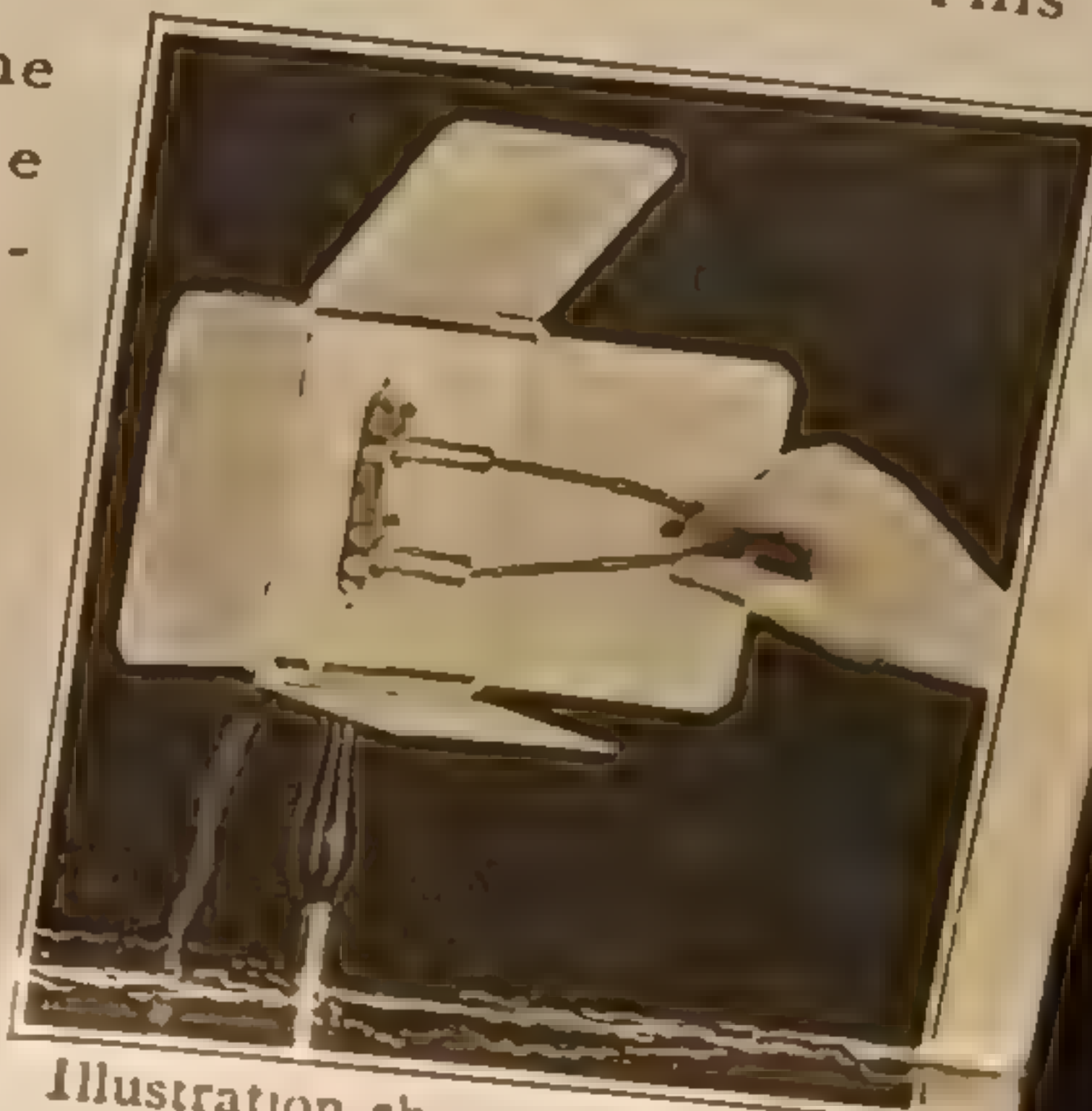
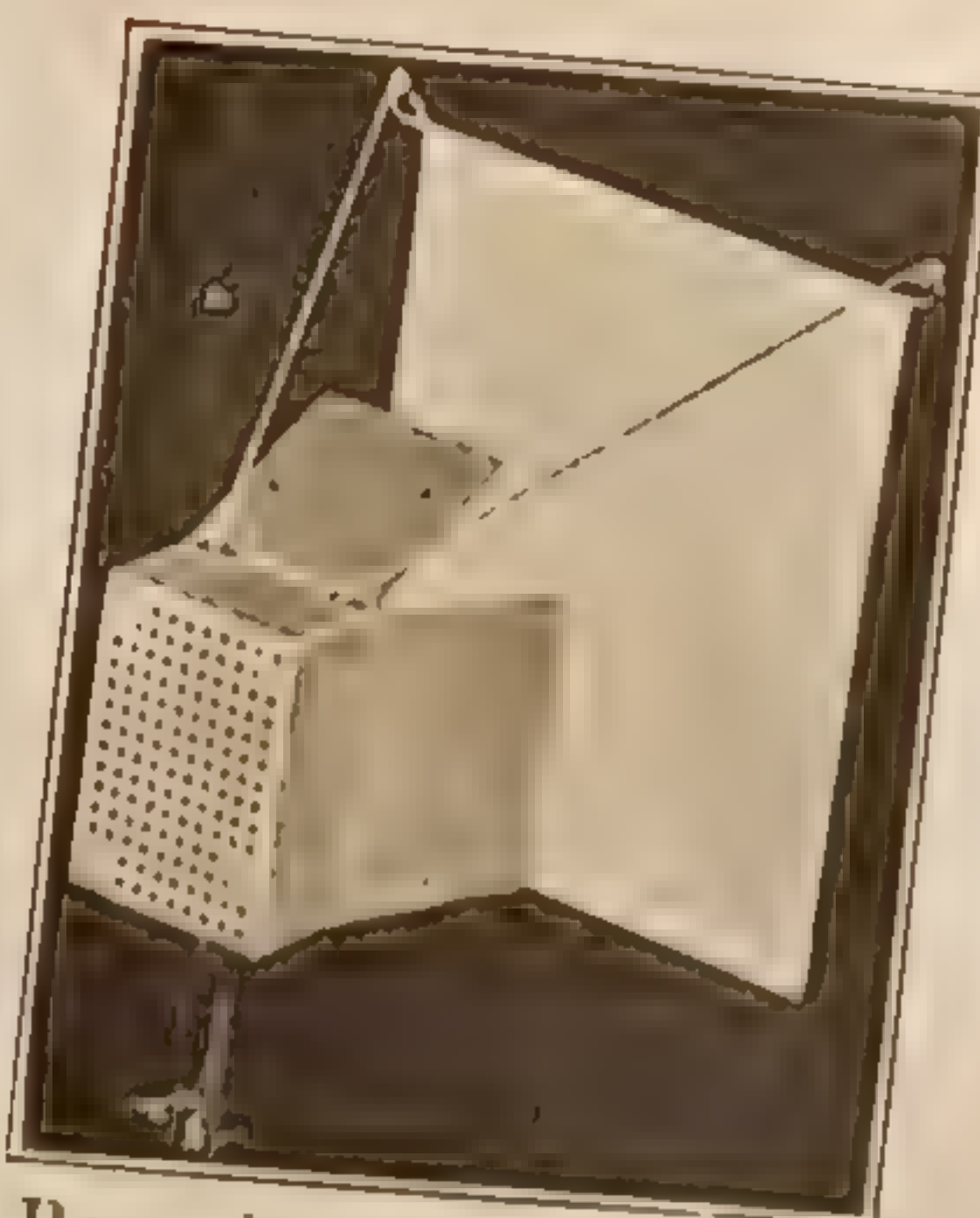


Illustration showing method of lighting arc lamp

On direct current the positive carbon burns a little faster than the negative. After burning the lamp ten or fifteen minutes, reverse the plug attached to the lamp so the carbons will burn evenly. On alternating current this is not necessary, as the carbons



Rear view of lamp showing diffusing screen attached

should burn evenly. When the carbons are burned down within one inch of the terminal, pull out the plug—replace with new carbons, as otherwise, you will spoil your terminals.

Use 6 MM.x3 inch REXO Carbons. The carbons are furnished 6 inches long and they are easily broken in half before inserting in lamp.

The lamp may smoke at the start, but this is simply the surplus oil burning off and will cease after using the lamp a short time.

This lamp can be used on any lighting circuit 110-120 volts direct or 60 cycle alternating current. It draws 10 to 12 amperes.

Manufactured and Guaranteed by
BURKE & JAMES, Inc.
223 W. Madison St. Chicago, Ill., U.S.A.













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No. 369339

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ACTINOTHERAPY GOGGLES
Special for
ULTRA VIOLET RAY TREATMENT

Beware of dangerous Celluloid Imitations in many of which,
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EXTERNAL INTERNAL



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VIOLET RAY

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plicators

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Violet Ray
Generators

RenuLife Electric Co.

1651-53 Grand Street

Designers and Manufacturers of
RenuLife Violet Ray Generators

DETROIT, MICHIGAN

Try This Wonderful Machine 10 Days Free

Not a Violator







Ray of
Life





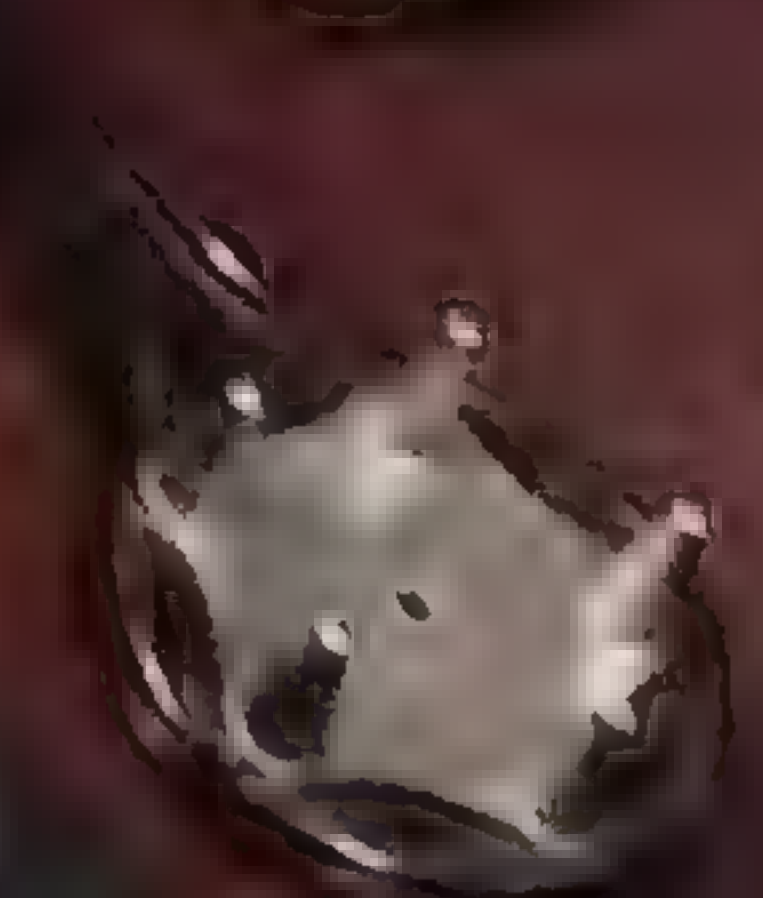
**Elektroden-
verzeichnis**
(Index of Electrodes)
of electrodes)



Verfasser: Dr. med. RUDOLF MÜNSTER-SCHMIDT
Lehrstuhl für Elektrotherapie
ATENAU RUDOLF MÜNSTER-SCHMIDT



ELECTREAT
Relieves
Pain








ACTINO THERAPY GOGGLES
ULTRA VIOLET RAY TREATMENT

Health

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T RAY5
Machine 10 Days Free





RADIUM RADIA

Radium
Radium

ELECTRIC BELTS

RAMSES

SWANSON'S
MANETIC
CAPSULES

DIRECTIONS: ...
PREPARED FOR
SWANSON RHEUMATIC CURE
CHICAGO, ILL.

SWANSON
MANETIC CA

LUPUS
SCROFULA
CHILLOUS GROWTHS
RADIUM SALVE

ADDITIONAL
ARTICLE
RADIUM SALVE

Arium
RADIUM IN TABLETS

Magneto
THE GREAT
NERVETONIC
CURES NERVOUS
WEAKNESS
LASSITUDE
& ALL ORGANS
ON LATER
THIS MAGNETIC
RESTORES YOUR



DI.
ELECTRIC
GIL

RADIUM WATER
TRIC

Radithor
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TO BE USED AFTER
PRINCIPAL

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RADITHOR
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Contains
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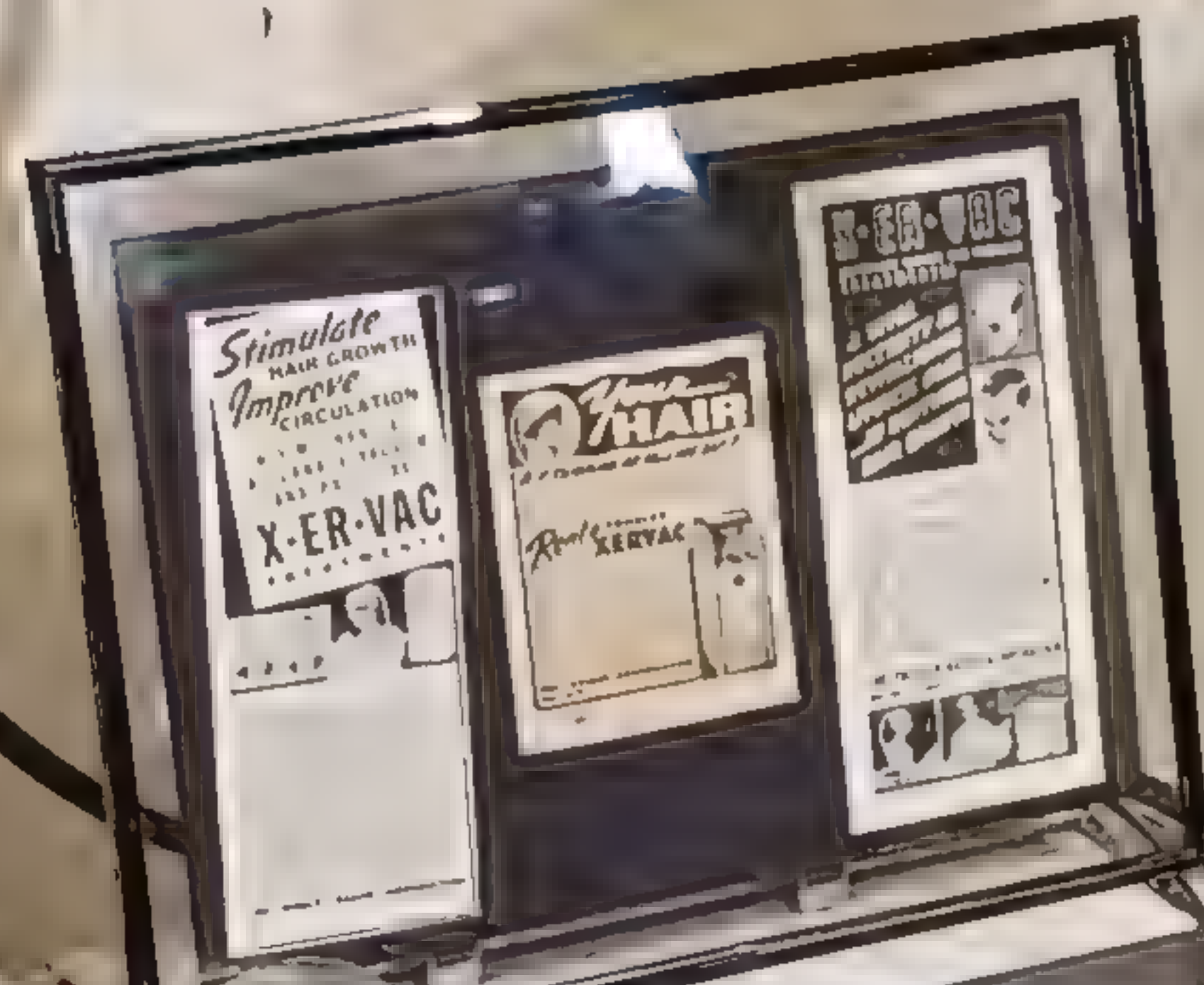
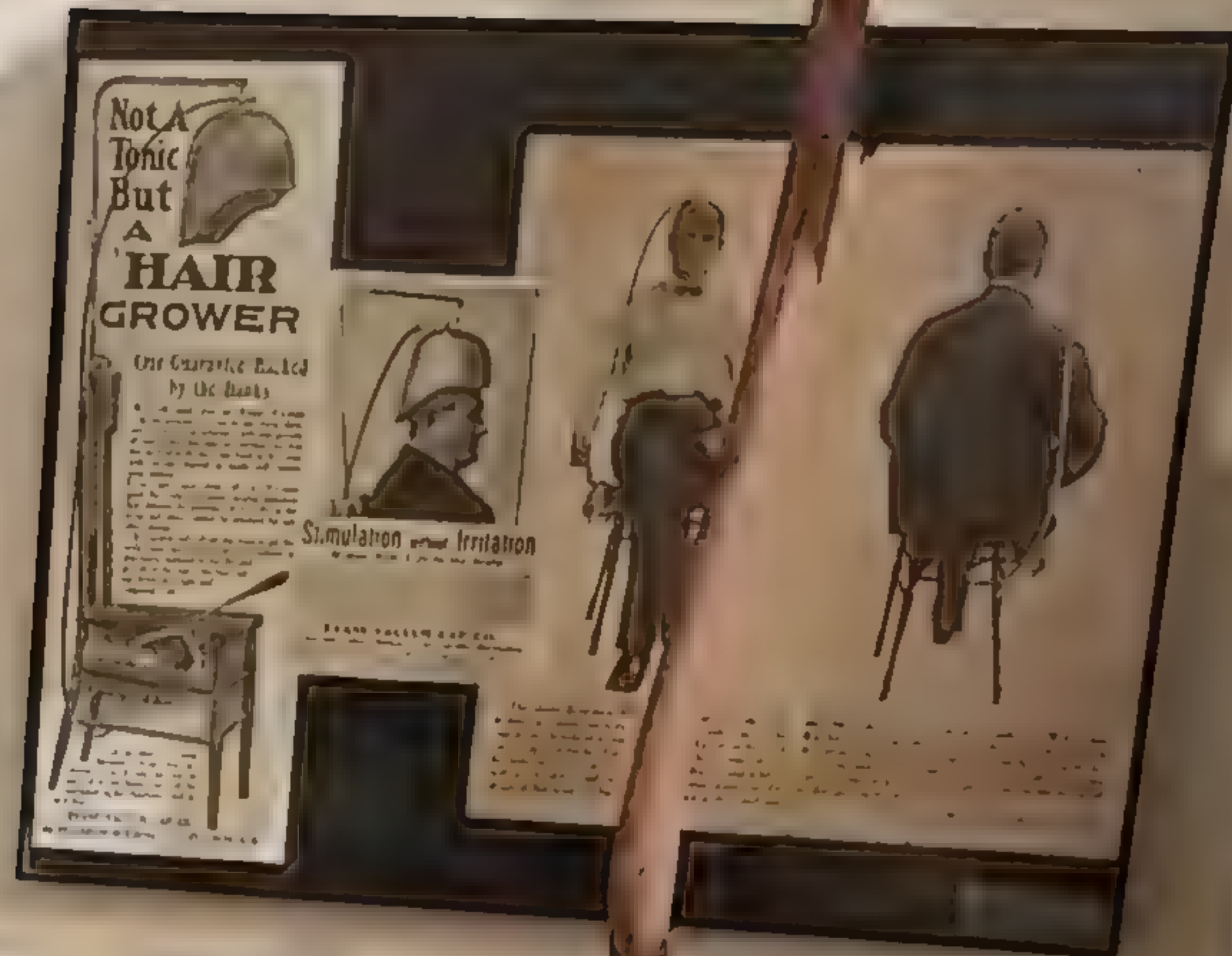
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Michael Quintavalle
D. M. P. of the American...







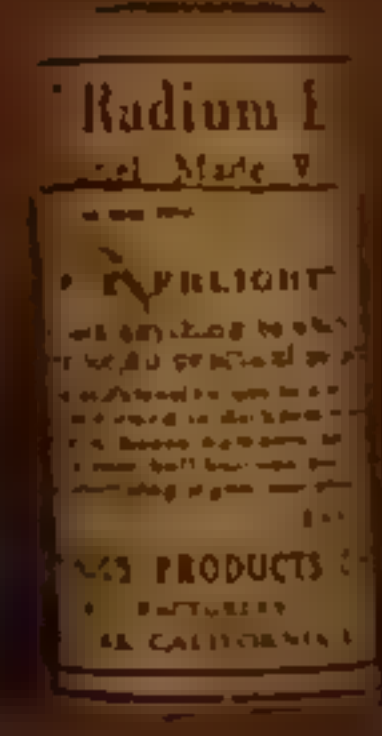
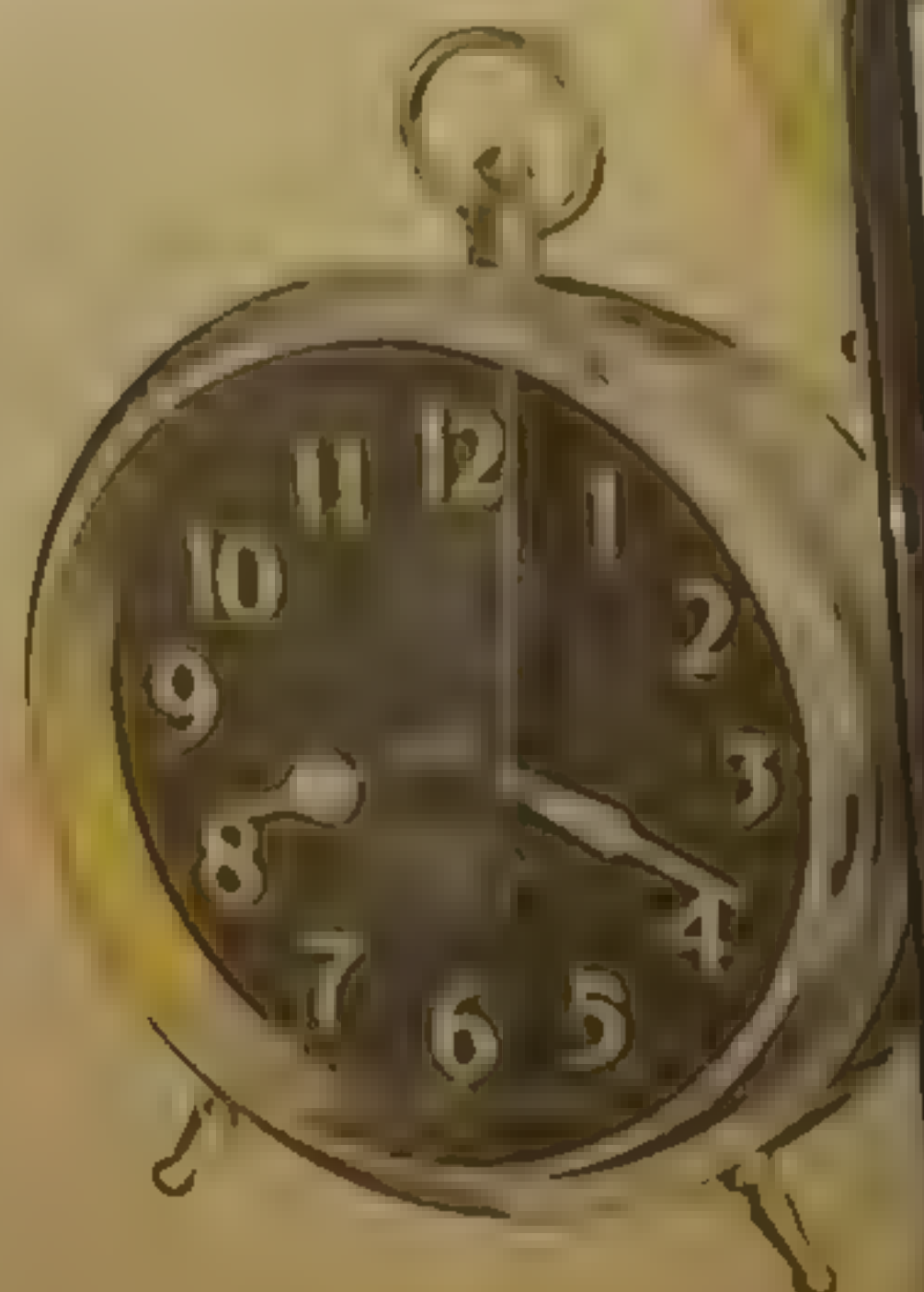
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Liberty Intermittent Alarm

ONE DAY AND ONE DAY RADIUM

Liberty Intermittent

MADE IN U.S.A.



The Victor Manufacturing Co.

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VOLTAGE SELECTOR

VR 75-30

DELTA RANGE

ALPHA RANGE

BETA RANGE

DO NOT OPERATE UNLESS THROUGH TUBE GLASS

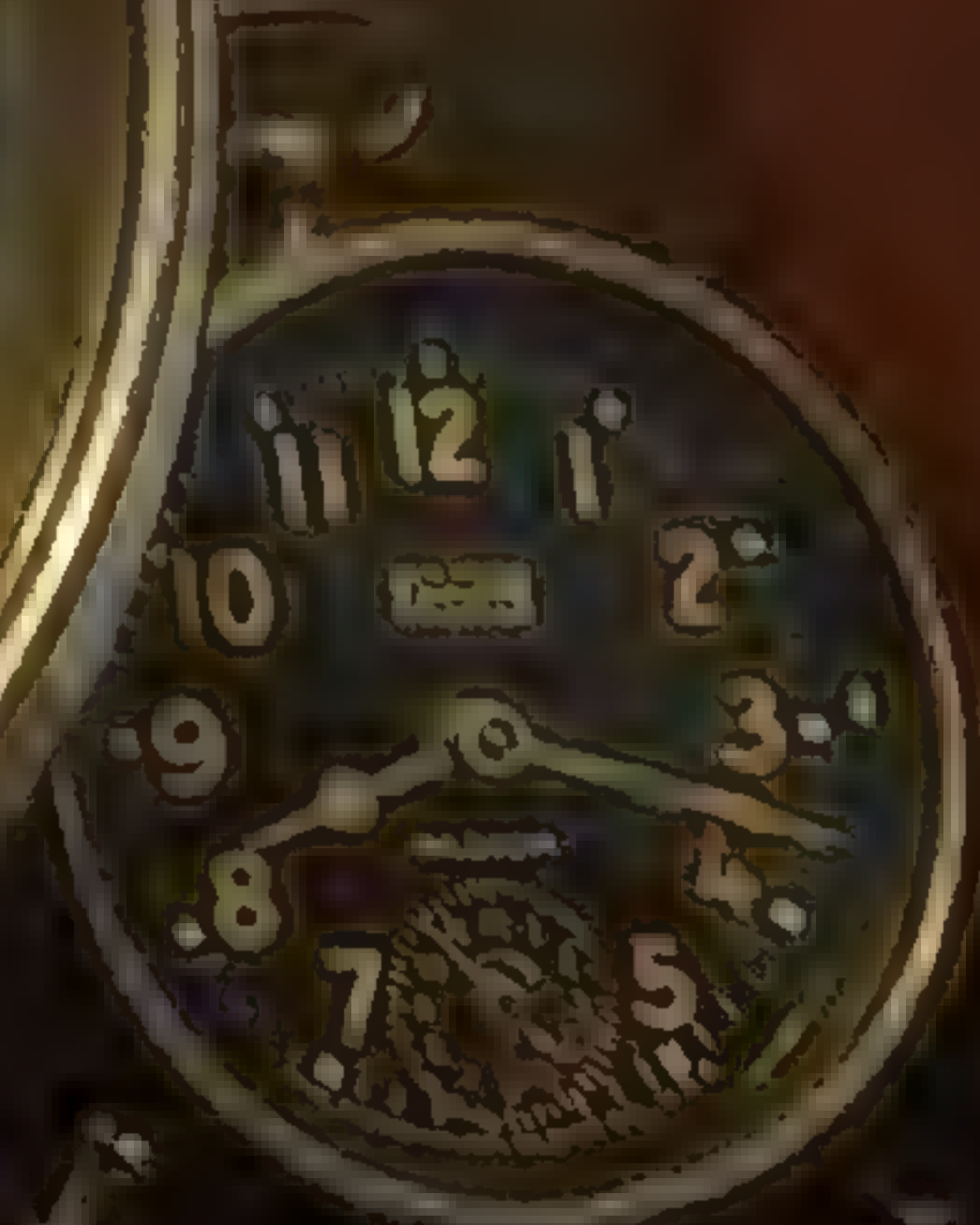
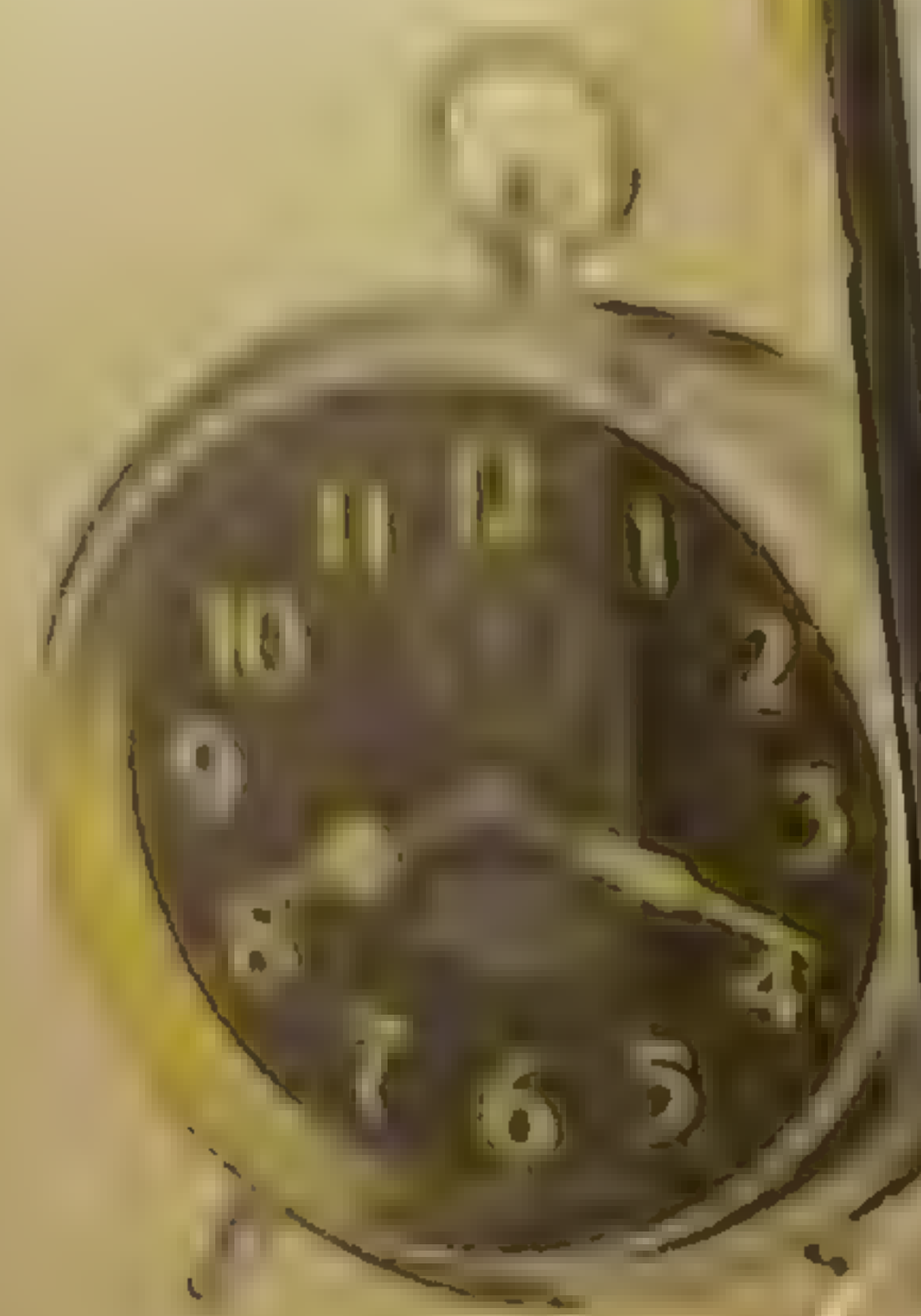
DELTA RANGE

ALPHA RANGE

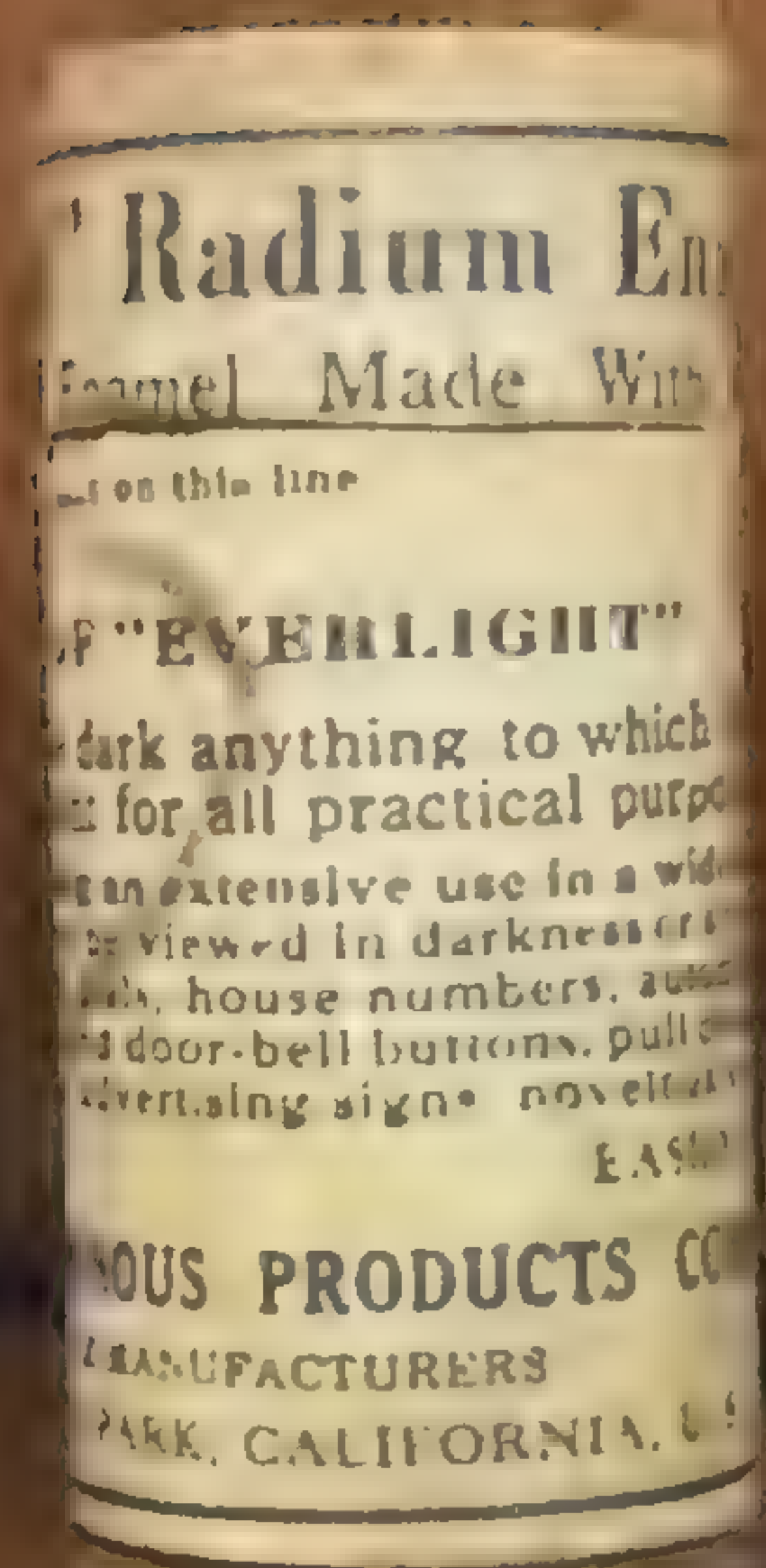
BETA RANGE

DO NOT OPERATE UNLESS THROUGH TUBE GLASS

Liberty Intermittent Alarm
ONE DAY AND ONE DAY RADIUM



Radium E
Good Made W
"E" ENLIGHT
is nothing to be
for a practical
and the dark
a. Some numbers
the Bell's
products
CALIFORNIA









4000

EDINA

AGE

METER

METER
FUSE



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AMP.
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VOLTS 120 CYCLES 60 AMPS 17

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The Therapeutic Range of the Electric Light Bath

AS ATTESTED BY THE EXPERT
OPINION OF LEADING AMERICAN
AND EUROPEAN AUTHORITIES













Test Yourself
for Sunlight Starvation



SUNARC Bath





PERCUTANEOUS
ELECTRO-THERAPY

The Best Kept
To Health
The
Mightiest
Will Make You
Well
M. W. L. &
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McINTOSH BIOLITE
REG. U.S. PAT. OFF.
INFRARED GENERATOR
PAT'D JUNE 24, 1930, NO. 1,706,619
MODEL NO. 8870 SERIAL NO. 120
MFD. BY MCINTOSH ELECTRICAL CORPORATION
CHICAGO, U.S.A.

PATENT
No. 3,693,308
Portia Non-Glam
ACTINOTHERAPY GOGGLES
Special for
ULTRA VIOLET RAY TREATMENT
Sole Proprietors
SOLPORT BROTHERS, LTD.
111 St. Vincent St. Louisville 1, KY, U.S.A.



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Remulife
VIOLET RAY







OZONE INHALANT

A splendid combination of essential oils for use with the Shelton Ozone generator. This solution has a very soothing effect upon the membranes and assist healing.

HOW TO USE IT: Put a sufficient quantity of the solution on a piece of absorbent cotton so as to thoroughly moisten it and place it into the upper chamber of Ozone Generator. Add additional inhalant solution from time to time as it evaporates.

SHELTON ELECTRIC CO.
16 E. 42nd St. New York

PATENT
No. 369338

Portia
Reg'd
Non-Flam

ACTINOTHERAPY GOOGLES

Special for

ULTRA VIOLET RAY TREATMENT

Beware of dangerous Celluloid Imitations in many of which,
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Patentees and Sole Manufacturers
SOLPORT BROTHERS LTD.,
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CURRENT CONTROL
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Renalite Eye
Treatments



Health Vitality Beauty
Yours Through the Magic of
VIOLET RAYS
Try This Wonderful Machine 10 Days Free

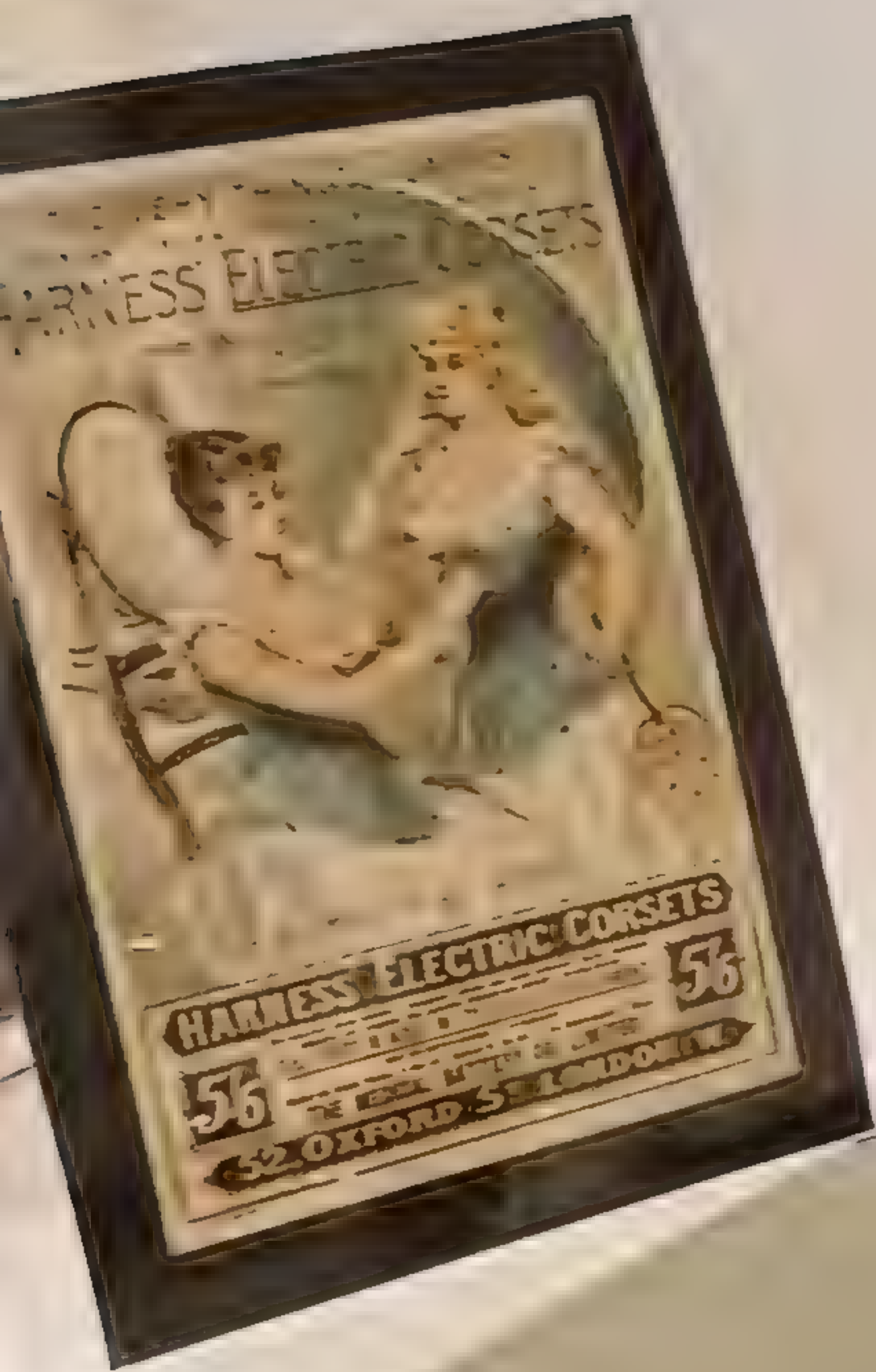
Try Violet Rays for Not a Vibrator

Send for Booklet and Special Offer

HARNESS ELECTRIC CORSETS
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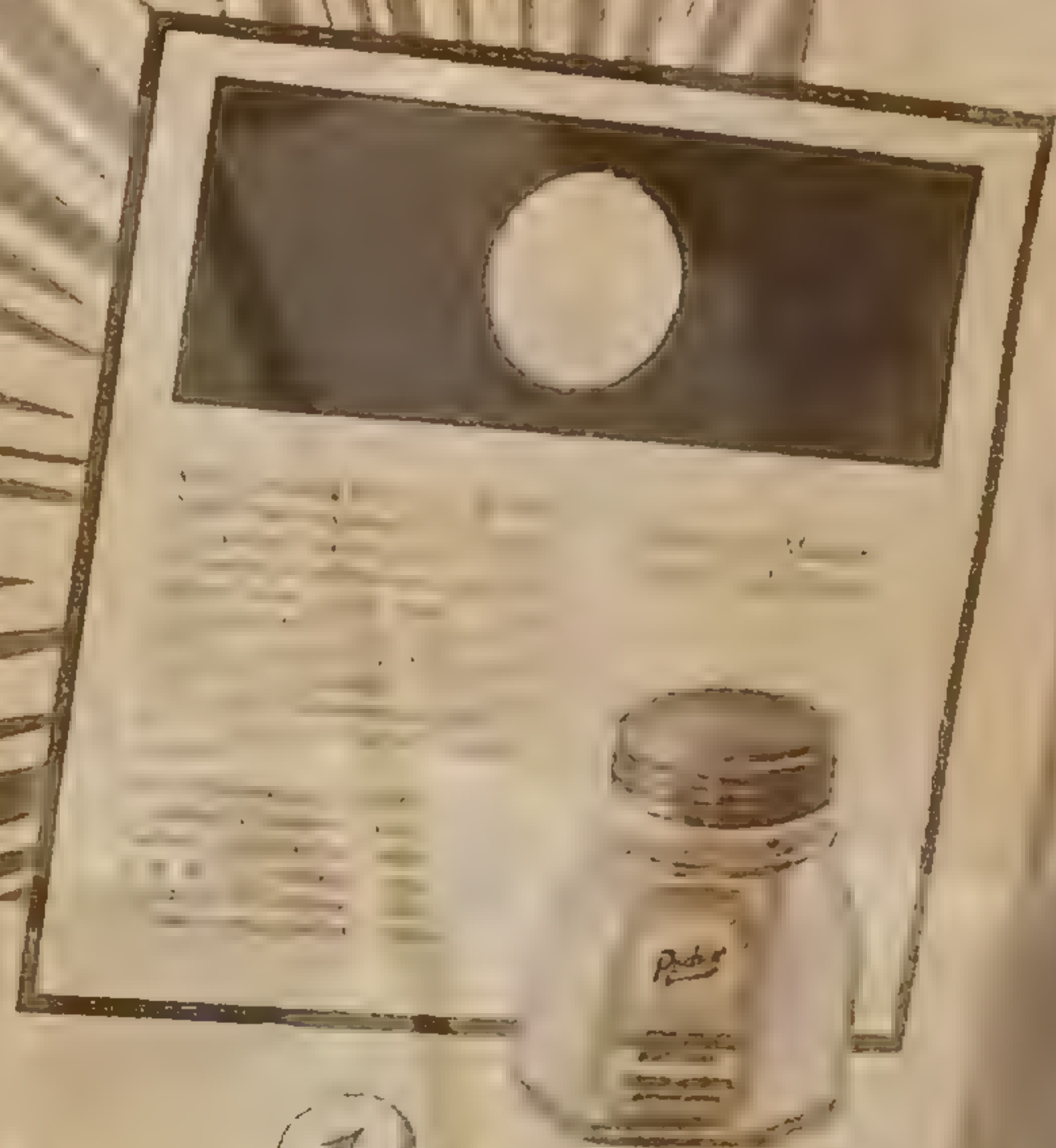
Rayet
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NEW
CONCEPTS
IN
DIAGNOSIS
AND
TREATMENT
ABRAHAM



**Rador Preparations are
GUARANTEED**

(under \$5000 penalty)
to be prepared from the
purest pharmaceutical
ingredients to contain a
definite quantity of Actual
Natural Radium, and to
retain their Radio-activity
for at least 20 years

The Rador Coy



SOLELY PREPARED BY
Sole Distributors **GEO. BORGFELDT & CO.**
LIVING PLACE NEW YORK

Radium and Beauty

HERE is a face cream (night cream) which is on a different plane from any cream you have ever used.

Take a cool dab of it on your finger tips rub it into your skin - you feel the difference immediately. You notice how smooth, luxurious and "creamy" it is. You distinguish a different fragrance - a subtle captivating fragrance - the exclusive Radium perfume.

The big difference, however, lies in what this cream does for your skin and complexion. It not only softens and adds resiliency to skin and facial muscles. It not only imparts a soft delicate bloom to the surface. But it does what no other cream can do - it energizes, invigorates, rejuvenates because it contains Actual Radium.

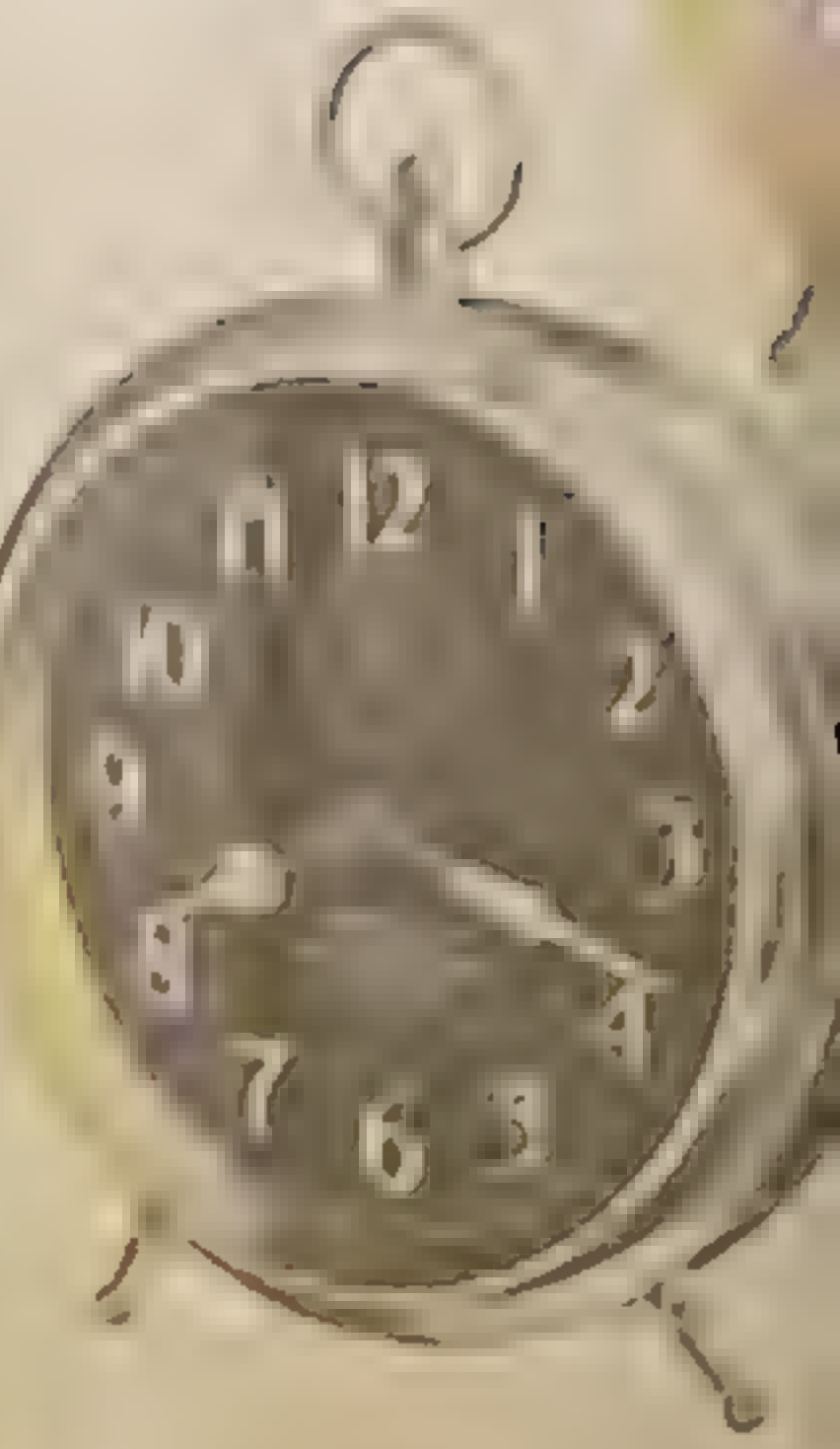
That is the magic behind Radium Beauty And Each is imbued with LIFE by Radium - the great

element of life. It is the only face cream that contains Actual Radium. It is the only face cream that is guaranteed to retain its radio-activity for at least 20 years. It is the only face cream that is guaranteed to be prepared from the purest pharmaceutical ingredients. It is the only face cream that is guaranteed to contain a definite quantity of Actual Natural Radium. It is the only face cream that is guaranteed to retain its radio-activity for at least 20 years. It is the only face cream that is guaranteed to be prepared from the purest pharmaceutical ingredients. It is the only face cream that is guaranteed to contain a definite quantity of Actual Natural Radium. It is the only face cream that is guaranteed to retain its radio-activity for at least 20 years.

Radium

Toilet Requisites

Geo. Borgfeldt & Co.
Living Place, New York, N.Y.
Sole Distributors
Radium Beauty
Toilet Requisites



American College of Mechano-Therapy
"PERMANENT WITH THROUGH DIRECT CIRCULATION"



CHARTER BY THE STATE OF ILLINOIS

American College of Mechano-Therapy

"PERMANENT HEALTH THROUGH PERFECT CIRCULATION"



Salutem

TO ALL TO WHOM THESE PRESENTS MAY COME, GREETING

Whereas, from time immemorial it has been a laudable custom and one universally approved that those persons who have devoted their lives to the study and practice of the noble Arts and Sciences should receive Recognition and Reward and be elevated to high distinction and respect. Therefore, being deeply impressed with the wisdom propriety and necessity of this historic custom and in conformity with its usage, we, the undersigned, do hereby certify that having satisfied ourselves of the Good Moral Character, High Professional Standing and in having passed a most satisfactory examination as to Mechano-Therapeutic skill

Therefore, we have created and made a **Doctor of Mechano-Therapy** and is awarded this Diploma And to him has been granted all rights and privileges every where pertaining to this Degree.

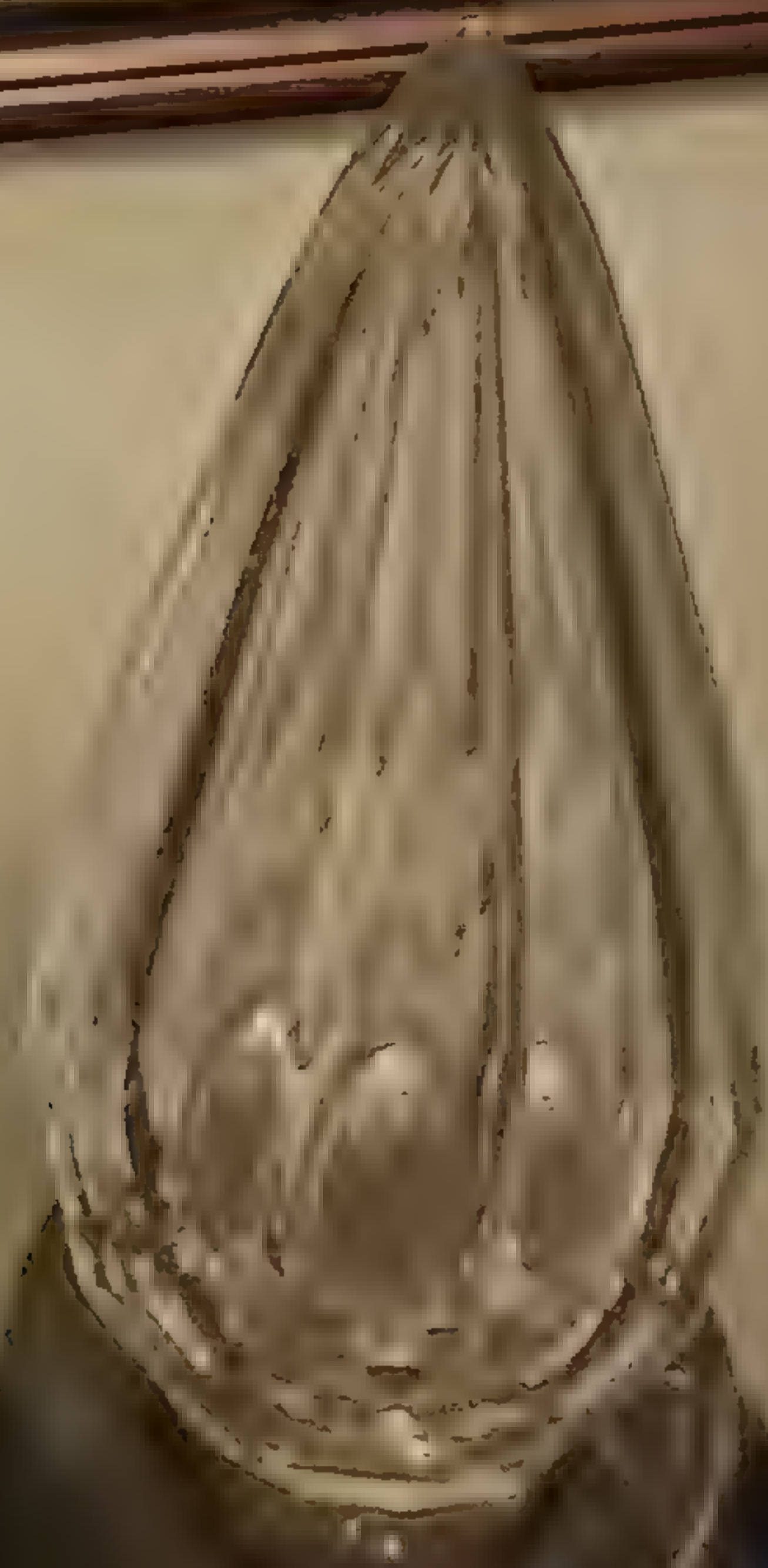
In Witness Whereof we have subscribed our names confirmed by the seal Given from the halls of this College to be signed by its President and Secretary and the official Corporate Seal of said institution hereinafter at City of Chicago, Illinois United States of America this 15th day of April in the year of our Lord One Thousand Nine Hundred and Eleven

H. C. Smith, Pres.

Wm. L. Smith, Sec.

Wm. L. Smith, Sec.

J. Smith, Off.





Try This Wonderful Machine

Not a Vibrator



Published Jan 28 1804 by H. Humphrey, St. James's Street, London

Breathing a vein.



METALLIC TRACTORS.



Printed for J. & W. Humphreys, St. James's Street

Gentle Emetic.



Taking Physick



Printed for J. & S. 1781, by H. Humphreys, at the ... London

Charming well again.



Consultation de M. T...

1811



L. Boilly

J. Leblond del.

Le baume d'acier!



Miss J. J. J. J. J.

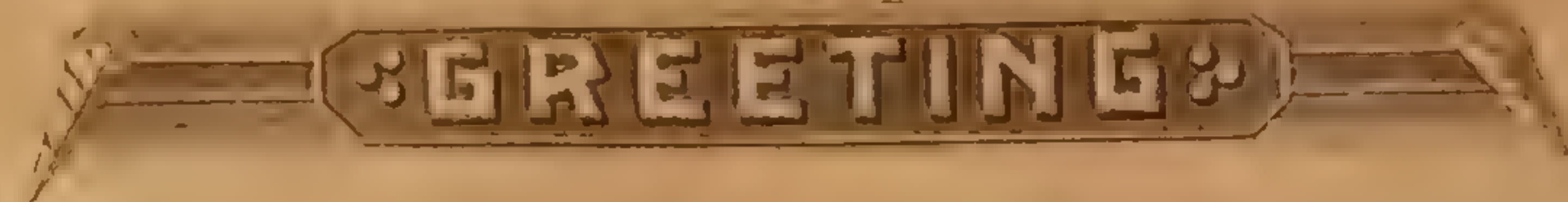


(P.H.S.T.C.K.)

THE NATIONAL COLLEGE
of Electro-Therapeutics.

TO ALL TO WHOM THESE

PRESENTS SHALL COME.



Be it Known That: Ernest William Cordingley

Having satisfactorily completed the prescribed course of instruction in
this College and passed the requisite examination, and having furnish-
ed satisfactory evidence of a thorough knowledge of the subjects of

ELECTRO PHYSICS AND ELECTRO THERAPEUTICS.

Now, Therefore: We, the Officers of this College, by the authority
vested in us by the State of Indiana, grant to him this

Diploma

with all the rights and privileges thereunto pertaining

Witness: The Seal of this College and the signatures of
its officers at the city of Lima, State of Ohio

this seventeenth day of April - 1928



Wm. L. Howe M.D. Ph.D. M.E.

C. A. Bryce M.D., M.E.

E. W. Hamilton M.D. Ph.D. M.E.

George S. Foster M.D., M.E.

J. H. Casanberry M.D. M.E.

Wm. H. O'Neill M.D. M.E. D.C. D.K.D.C.

Chas. W. Angell M.E. E.E.

Henry W. Meier D.C.

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Dr. S. A. K. Wilson

Lord Strathcona.

The Bishop of London.



Artist's Description.

"IT'S VERY PLEASANT": THE KING SUBMITTING HIMSELF TO A SHOCK FROM THE HIGH-FREQUENCY MACHINE ON THE OCCASION OF HIS OPENING THE JUBILEE EXTENSION BUILDINGS OF THE NATIONAL HOSPITAL FOR THE PARALYSED AND EPILEPTIC.

During his recent visit to the National Hospital for the Paralyzed and Epileptic, an extension of which he opened, the King, making an inspection of the hospital, tested the high-frequency machine in the electrical department, and submitted himself to a shock from it, describing his experience as "Very pleasant." The uses of the various apparatus for the treatment of patients were explained by Dr. S. A. K. Wilson, Registrar of the Hospital, who has charge of the work of the department.

DRAWN BY OUR SPECIAL ARTIST, S. BIRD.



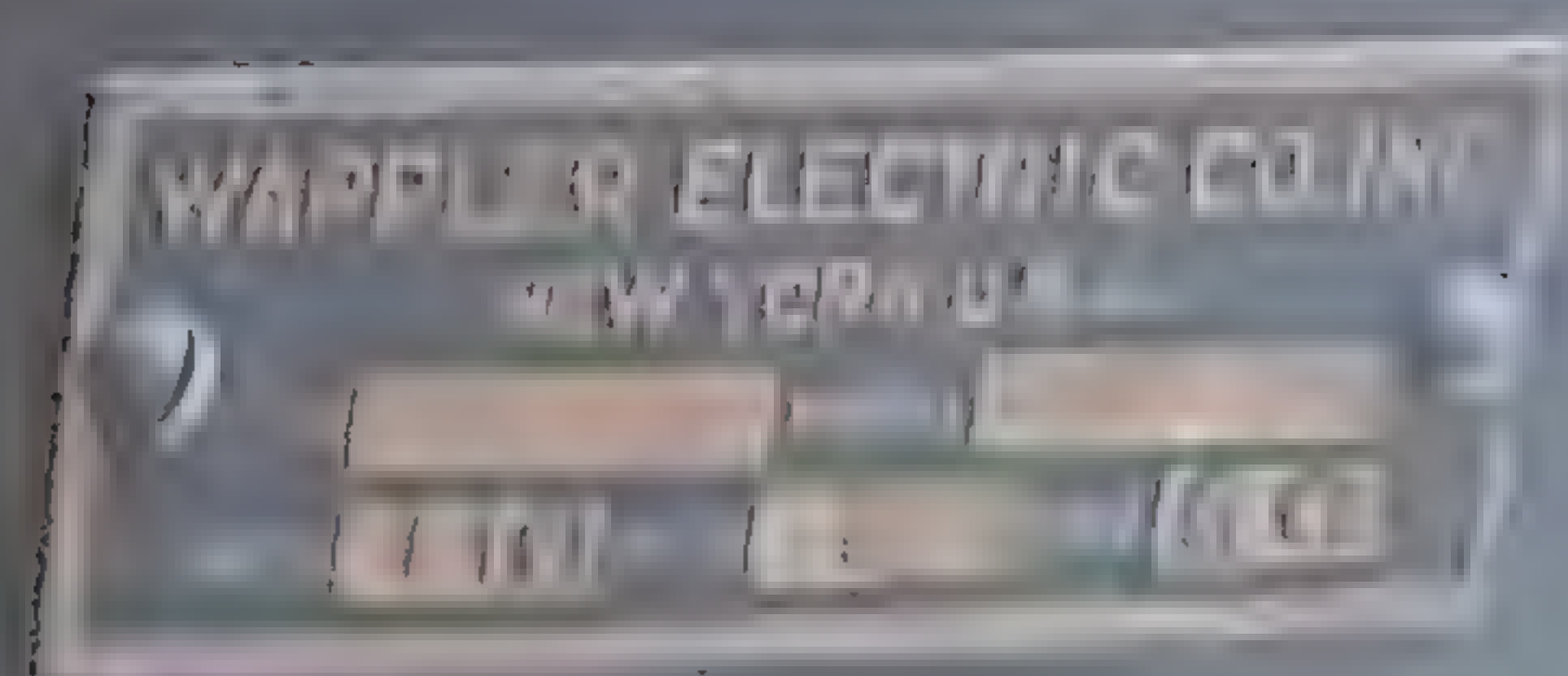
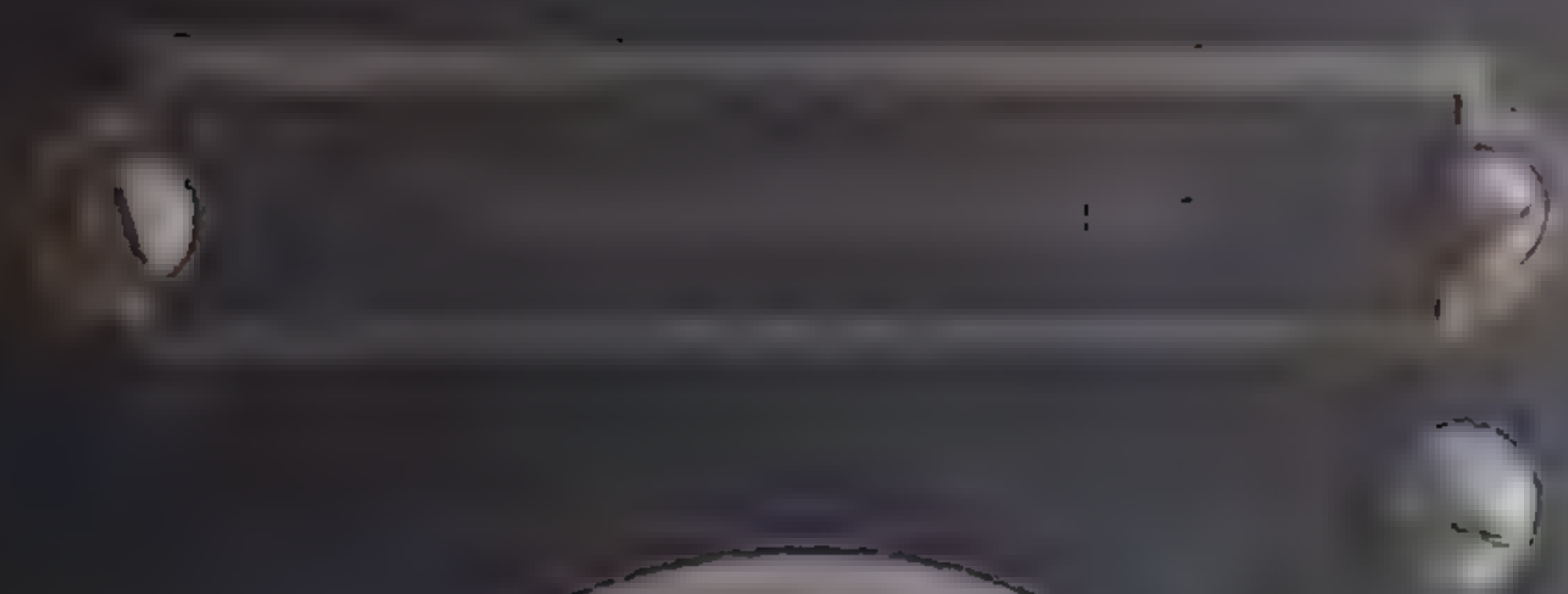


LA CURE DE LA TUBERCULOSE











General Paralysis.



READ CAREFULLY

Directions for using the INGENTO TWIN-ARC LAMP

Do not insert carbons when lamp is plugged into circuit.

Place one carbon in each of the terminals or carbon holders and tighten the binding screws securely. Then plug in on electric light circuit. Place the lighter carbon across the carbons in the lamp as illustrated. This will start the arc. As soon as the lamp lights remove the lighter carbon. Be sure the current is turned on when applying the igniter.

On direct current the positive carbon burns a little faster than the negative. After burning the lamp ten or fifteen minutes, reverse the plug attached to the lamp so the carbons will burn evenly. On alternating current this is not necessary, as the carbons



Illustration showing method of lighting the lamp

should burn evenly. When the carbons are burned down within one inch of the terminal, pull out the plug—replace with new carbons, as otherwise, you will spall your terminals.

Use 6 MM.x3 inch REXO Carbons. The carbons are furnished 6 inches long and they are easily broken in half before inserting in lamp.



Rear view of lamp showing diffusing screen attached

The lamp may smoke at the start, but this is simply the surplus oil burning off and will cease after using the lamp a short time.

This lamp can be used on any lighting circuit 110-120 volts direct or 60 cycle alternating current. It draws 10 to 12 amperes.

Manufactured and Guaranteed by
BURKE & JAMES, Inc.

223 W. Madison St.

Chicago, Ill., U.S.A.

*Directions for using this lamp for
Therapeutic Purposes*

Read other side for operating instructions.

ULTRA VIOLET RAYS
what they mean to you

Summer sunshine is a priceless treasure. The powerful healing and health-preserving effects of its radiations have been known for ages. But the true value of sunlight has only in recent years become understood. It is the ultra-violet rays that are chiefly valuable. These are the health-giving and health-maintaining rays. They are the source of the "tonic energy" so essential to sturdy, vigorous bodies and sound, clear minds.

It is well understood that sunlight is essential to good health. To growing children it is a necessity. The child robbed of sunlight grows up puny and sickly, like a plant in a cave. The widespread contagions of colds, grippe, influenza and other diseases that flourish during the winter months are further indicative of the great need of sunlight.

To be sure there is sunlight in the winter, but it is a sunlight that is almost devoid of ultra-violet rays. Any physician will tell you that the amount of ultra-violet in sunlight in the winter is negligible. Clouds, fog, smoke, natural window glass, clothing, all act as impassible barriers.

With our new carbon arc lamp in your home—the most efficient carbon arc lamp designed for home use—you can have the full advantage of brilliant June sunshine—every day. Treatments need be only a few minutes daily.

Ultra-violet Builds Health

The value of Ultra-violet rays for building and maintaining health has been demonstrated in numberless ways. One reason for the health value of Ultra-violet is that its rays are the greatest natural germ destroyer we have. Everything which comes within the scope of Ultra-violet is purified and disinfected, and all germ life is either destroyed or its growth checked. In the widest and truest sense, it can be said that Ultra-violet is not only a valuable treatment in the case of many diseases, and for some, the best known treatment, but it also acts as a bulwark

against disease. Its entire system is the most known.

Ultra-violet

But, naturally, to ask Lamp, thru its production maintains health is far le it does. And the great thru its Ultra-violet rays tain health has been dem in ways that you can turn tanned, glowing skin, spa of well being—these are ments by our carbon arc

Ultra-violet radiation and as a method for ke strong it has equal importa both men and women. I cannot be over-estimated appear, listlessness, lack cold easily, all these qui

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Further, just as rickets areas, are due to sunligh areas will be found defect lack of Ultra-violet radiati have stronger, sounder bo also the best possible trea common as the result of f is reduced almost immedia is greatly lessened.

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against disease. Its energizing and tonic effect on the entire system is the most marvelous disease preventative known.

Ultra-violet to Maintain Health

But, naturally, to ask how or why the Carbon Arc Lamp, thru its production of Ultra-violet rays, builds and maintains health is far less important than to know that it does. And the great fact that carbon arc sunshine, thru its Ultra-violet rays, does actually build and maintain health has been demonstrated in numberless cases—in ways that you can turn to your immediate benefit. A tanned, glowing skin, sparkling eyes, and a general sense of well being—these are the rewards of regular treatments by our carbon arc lamp.

Ultra-violet radiation is of supreme value to the sick and as a method for keeping the entire family fit and strong it has equal importance. Its life-giving rays benefit both men and women. Its usefulness to growing children cannot be over-estimated. Distressing irritabilities disappear, listlessness, lack of appetite, tendencies to catch cold easily, all these quickly respond.

Natural bodily resistance to every form of sickness is greatly increased. Youthfulness is prolonged both in spirit, in appearance, and in joyous vitality.

Asset to Growing Children

Medical authorities have discovered that in the temperate zones, 40 to 70 per cent of children in industrial areas show signs of rickets. Such a condition leads to more or less permanent deformities, such as bowed legs, hollow chests and poor teeth due to the inability of the child to assimilate lime. Like conditions are noted in nursing mothers, leading to loss of teeth. Indeed, it may be said that underlying every disease, whether it be an acute infection or a chronic, degenerative change, there will be found existing a disturbance of nutrition or lack of normal vitality in some part of the cellular units. This is the reason for the widespread use and approval of Ultra-violet radiation.

Further, just as rickets, so prevalent in our industrial areas, are due to sunlight starvation, so in much wider areas will be found defective teeth due solely to a similar lack of Ultra-violet radiation. Irradiated children always have stronger, sounder bones and teeth. Ultra-violet is also the best possible treatment for children's bruises so common as the result of falls or similar accidents. Pain is reduced almost immediately and the danger of infection is greatly lessened.

Every person undergoing Ultra-violet treatment reacts differently. Sometimes the first exposure need be only one minute. Sometimes thirty minutes may not be too long, depending on skin pigmentation, but we can safely say that a 5 to 10 minute treatment will be found

average over any one area. The reddening of the skin or erythema, should be used as a guide for subsequent treatments. In the same way the frequency of treatment varies. As a general rule the reaction from one treatment should be permitted to subside before another treatment is given. If, following the exposure, any severe symptoms such as painful erythema (sunburn) are noted, treatment has been too long. Exposure should be omitted for a day or two and then resumed for shorter durations.

There is usually a lapse of from one to three hours before skin reaction sets in. Some doubt exists as to whether the appearance of strong pigment (tanning) is sufficient or whether erythema is necessary for success of Ultra-violet therapy. In Europe it is considered that pigmentation without inflammation (erythema) is more desirable.



Treatment

For the first exposure, a 5 minute treatment at 30 to 36 inches distance is quite sufficient. Fifteen minutes may be considered a full time treatment after Ultra-violet radiations have been given for some time. It is advisable for one taking Ultra-violet treatments for the first time to expose only the limbs for the first treatment; that is, give the lower limbs 5 minutes at 36 inches and then each arm the same. For the second treatment, uncover more of the body. For the third treatment still more, until finally the entire body is exposed. General body radiation means exposing the chest and back as well as the limbs.

The eyes must at all times be covered with the tinted goggles. Even when wearing these goggles one should not stare at the arc any more than one would stare at the sun. It is best to have the eyelids closed, or if one prefers one may cover the eyes with a cloth bandage.

Your physician should be consulted if you are ill. He then can help you by prescribing the proper treatment.

Make your home healthy and happy by using the lamp regularly.

Sunshine (Therapeutic A) carbons can be supplied at all times. We also carry in stock all other medical carbons from A to K in various sizes.

Specify 6 mm.x6-inch Sunshine (Therapeutic A) carbons for this lamp. They are \$1.25 a dozen.

Manufactured and Guaranteed by

BURKE & JAMES, Inc.

223 W. Madison St.

Chicago, Ill., U.S.A.









A State Program for the Supervision and Training of the Feeble-minded

C. Stanley Raymond, M. D.

Superintendent

WRENTHAM STATE SCHOOL

WRENTHAM, MASSACHUSETTS



Mary Sullivan

A State Program for the Supervision and Training of the Feeble-minded

C. Stanley Raymond

Superintendent

WRENTHAM STATE SCHOOL

WRENTHAM, MASSACHUSETTS

Feeble-mindedness is a condition characterized by a lack of normal development of the intelligence resulting from imperfect development of the brain structure or from damage to the brain by disease or injury sustained before birth, at birth, or during the first few years of life. Poor heredity may result in children showing defect ranging all the way from slight subnormality to helpless idiocy. Accidents during child birth, inflammatory brain disease, convulsive seizures and head injuries may also result in various degrees of retardation. Congenital syphilis has been demonstrated to be the cause in at least 6% of all institutional cases of mental defect. Ductless gland imbalance is responsible for a considerable number of cases and many of these, as well as those of the accidental groups, are found to come from excellent families. Fifty per cent or more of the feeble-minded come from poor stock.

The lack of development in the feeble-minded is so marked that the individual is incapable of making scholastic progress beyond the fifth grade and is incapable of maintaining himself without aid, and of making an adequate social adjustment in the community. The psychological divisions of the entire group classified as idiots, imbeciles, and morons refer to those who reach a final mental age of less than 3 years for the idiot, from 3 to 7 years inclusive for the imbecile, and 8 to 12 years for the moron. The pathological types such as microcephalic, hydrocephalic, mongoloid, cretin, and the spastic paralyses may be found in any of these psychological groups. A large number of idiotic children are found to come from superior families, other members of the family being average or above in their intellectual capacity. Whereas the great majority of the imbecile and moron groups come from inferior stock, the latter are among the most improvable and are most likely to become eligible for return to the community on parole, or on trial visit. Yet they are much more of a menace socially, because of the possibility of transmitting their mental defect to offspring, than the idiot group, most of whom are sterile and whose lack of physical attractiveness serves as a protection.

Careful surveys have shown that at least 2 per cent of all children of school age are sufficiently retarded in their intellectual development to need either institutional care or special educational provision in order to attain the highest degree of development of which they are capable. The White House Conference on Child Health and Protection in 1930 esti-



instruction in
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by the author
to form the

into postures

College and the
State of Ohio
1880











Test Yourself
for Sunlight Stars

SUNARC



Test Yourself For Sunlight Starval



SUNARC Baths

THE
STUDY OF PALMISTRY
FOR PROFESSIONAL PURPOSES
AND
ADVANCED PUPILS



by
Comte C. de Saint-Germain
THE RECOGNIZED STANDARD
1254 ILLUSTRATIONS



INSTALLING AND OPERATING

Instructions

for the

THOMPSON-PLASTER "NEURISCO"

THE SPECIALISTS' EYE, EAR, NOSE AND
THROAT COMBINATION CABINET

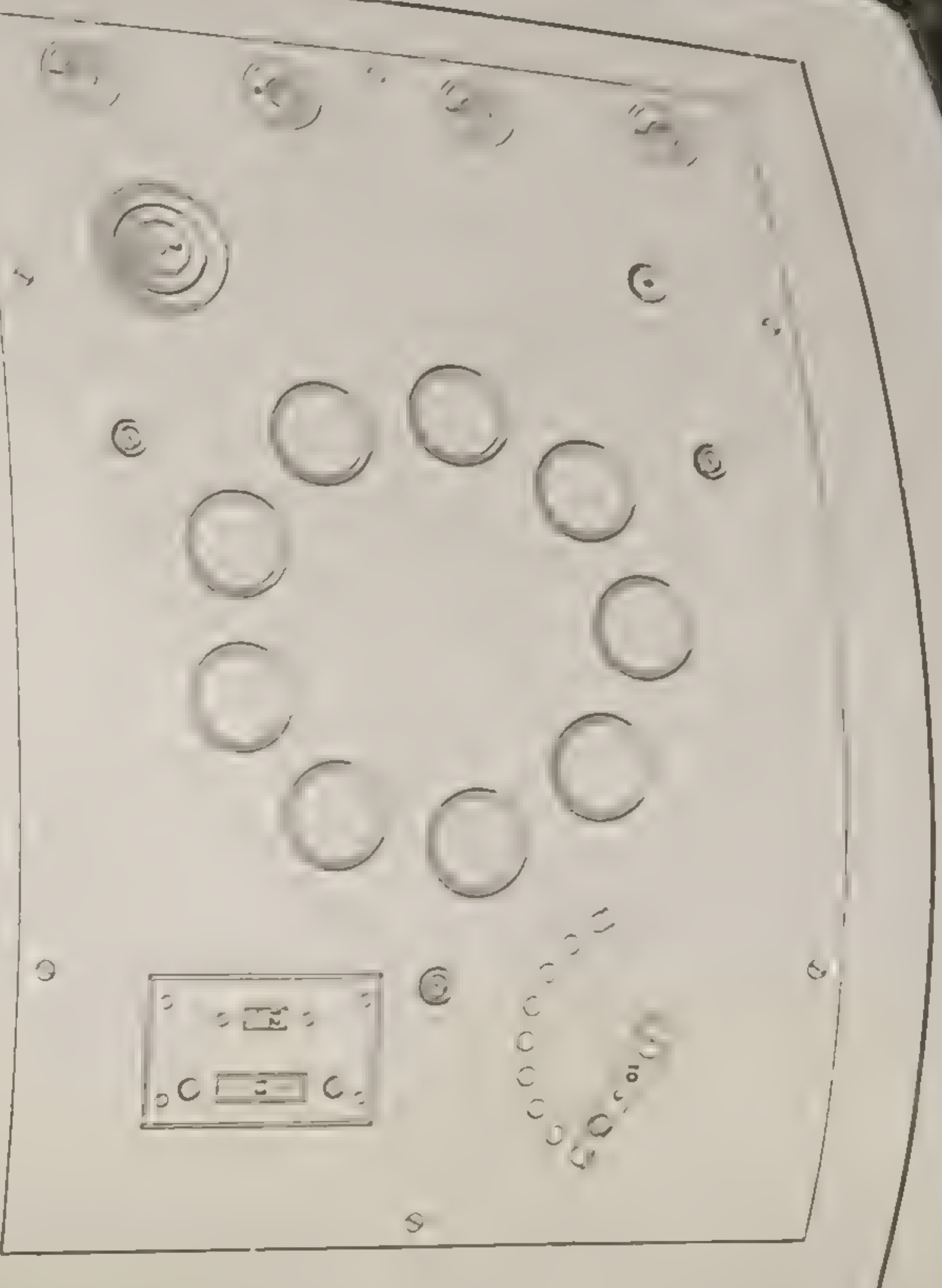


THOMPSON-PLASTER X-RAY CO., Inc.
LEESBURG, VIRGINIA

111-31191
Philadelphia, PA

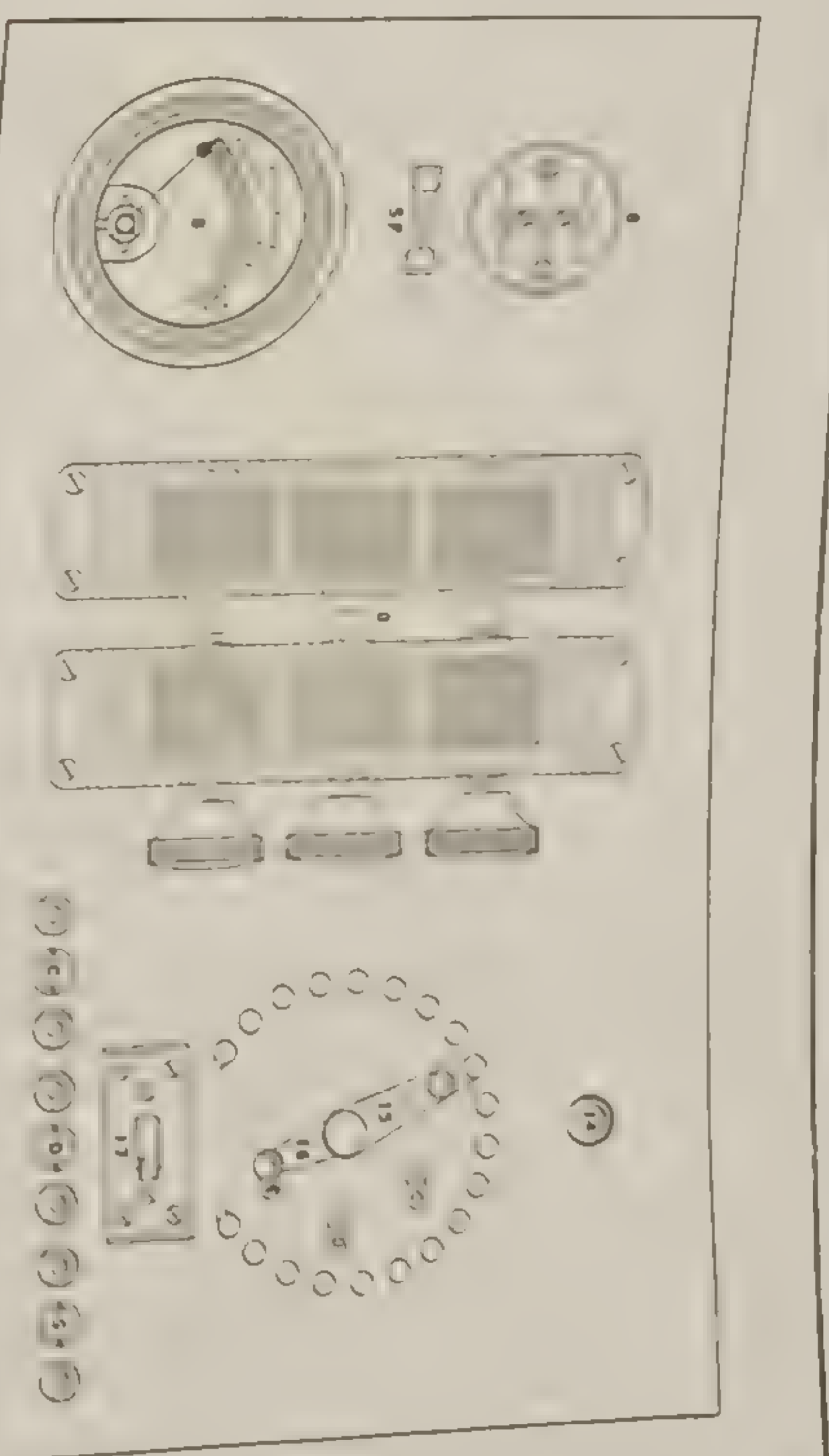
ACCESSORIES

Thompson - Plaster
X-Ray Company



EXPLANATION OF DIAGRAM

- No. 1—This terminal forms one outlet for all three Diathermy circuits, and must always be used with one of the other three (low voltage, medium voltage, high voltage) Diathermy outlets.
- No. 2—Highest voltage Diathermy terminal. To complete circuit to patient use outlets Nos. 1 and 2.
- No. 3—Medium voltage terminal. To complete medium voltage circuit to patient use outlets Nos. 1 and 3.
- No. 4—Lowest voltage terminal. To complete circuit to patient use outlets Nos. 1 and 4.
- No. 7—High Tension. High Frequency Tesla Pole; for uni-polar discharge only. Not to be used in connection with any other outlet.
- No. 9—Pilot Lamp. When burning indicates current on. When not illuminated current is off.
- No. 10—Main Controller for the High Frequency Diathermy, Coagulation and Auto-condensation circuits. For weakest discharge place lever to left. For strongest current place lever to right.
- No. 12—Main Switch for High Frequency circuits. Button pushed to back and white dot showing, current *on*. Button forward, current *off*.
- No. 13—Terminal outlets for Foot-switch. When using Foot-switch, leave main switch No. 12 in the OFF position.



EXPLANATION OF DIAGRAM

- No. 5—Double Scale Milliampere-meter: 0 to 1000 Ml. A. lower scale to be used for measuring small amounts of current, and the 0 to 4000 Ml. A. scale for the heavier discharges. (See paragraph on Meter for further information.)
 - No. 5F—Meter Protecting fuse.
 - No. 6—Control Plate for No. 5 Meter. For reading of current discharge up to 1000 Ml. A. only place plug in lower hole. Place plug in upper hole for reading of heavier currents. Use caution when using lower scale, as should your cords or electrodes touch one another, and create a short circuit the meter is apt to burn out. The outfit may be operated without the meter by placing the plug in the center hole marked "cut-out."
 - No. 8—Multiple Spark Gap. Tungsten points may be adjusted individually. One, two or three sets can be in action at one time, depending on the output desired.
 - No. 14—Pilot Lamp. When burning indicates current on. When not illuminated current is off.
 - No. 15—Lever for controlling volume of Cautery. Diagnostic and Sinusoidal circuits.
 - No. 16—Selector Lever for Cautery, Diagnostic and Sinusoidal circuits. Place on "C" for Cautery, "D" for Diagnostic or "S" for Sinusoidal.
 - No. 17—Line Switch for Cautery, Diagnostic and Sinusoidal circuits. Button to right with white dot showing, current ON. Button to left, current OFF.
- When Cautery circuit is desired, place cords in two outlets on either side of plate marked "C", for Diagnostic circuit place cords in two outlets on either side of plate marked "D", and for Sinusoidal circuit place cords in two outlets on either side of plate marked "S".





















